

**Volume**

**#**

**R0489**

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# INDEX DIAGRAM.

Township 29 North, Range 20 East

| 57    | 56     | 55    | 54     | 53    | 52    | 51 |
|-------|--------|-------|--------|-------|-------|----|
| 41 0  | 143 0  | 18 0  | 119 0  | 88 0  | 72 1  | 50 |
| 42    | 44     | 17    | 41     | 87    | 71    |    |
| 39 1  | 130 0  | 15 0  | 110 10 | 85 11 | 69 13 | 47 |
| 38    | 87     | 14    | 109    | 84    | 68    |    |
| 37 20 | 126 17 | 13 10 | 108 18 | 83 14 | 67 18 | 46 |
| 36    | 86     | 12    | 107    | 82    | 66    |    |
| 35 20 | 125 20 | 12 21 | 106 20 | 81 20 | 65 24 | 45 |
| 123   | 124    | 11    | 105    | 80    | 64    |    |
| 34 20 | 124 20 | 11 20 | 104 21 | 80 20 | 64 25 | 44 |
| 33    | 81     | 10    | 103    | 79    | 63    |    |
| 32 21 | 123 21 | 10 21 | 102 22 | 78 22 | 62 26 | 43 |
| 31    | 80     | 9     | 101    | 77    | 61    |    |
| 30 21 | 122 21 | 9 21  | 100 23 | 76 23 | 60 27 | 42 |
| 29    | 79     | 8     | 99     | 75    | 59    |    |
| 28 22 | 121 22 | 8 22  | 98 24  | 74 24 | 58 28 | 41 |
| 27    | 78     | 7     | 97     | 73    | 57    |    |
| 26 22 | 120 22 | 7 22  | 96 25  | 72 25 | 56 29 | 40 |
| 25    | 77     | 6     | 95     | 71    | 55    |    |
| 24 23 | 119 23 | 6 23  | 94 26  | 70 26 | 54 30 | 39 |
| 23    | 76     | 5     | 93     | 69    | 53    |    |
| 22 23 | 118 23 | 5 23  | 92 27  | 68 27 | 52 31 | 38 |
| 21    | 75     | 4     | 91     | 67    | 51    |    |
| 20 24 | 117 24 | 4 24  | 90 28  | 66 28 | 50 32 | 37 |
| 19    | 74     | 3     | 89     | 65    | 49    |    |
| 18 24 | 116 24 | 3 24  | 88 29  | 64 29 | 48 33 | 36 |
| 17    | 73     | 2     | 87     | 63    | 47    |    |
| 16 24 | 115 24 | 2 24  | 86 30  | 62 30 | 46 34 | 35 |
| 15    | 72     | 1     | 85     | 61    | 45    |    |
| 14 25 | 114 25 | 1 25  | 84 31  | 60 31 | 44 35 | 34 |
| 13    | 71     | 0     | 83     | 59    | 43    |    |
| 12 25 | 113 25 | 0 25  | 82 32  | 58 32 | 42 36 | 33 |
| 11    | 70     | 0     | 81     | 57    | 41    |    |
| 10 25 | 112 25 | 0 25  | 80 33  | 56 33 | 40 37 | 32 |
| 9     | 69     | 0     | 79     | 55    | 39    |    |
| 8 26  | 111 26 | 0 26  | 78 34  | 54 34 | 38 38 | 31 |
| 7     | 68     | 0     | 77     | 53    | 37    |    |
| 6 26  | 110 26 | 0 26  | 76 35  | 52 35 | 36 39 | 30 |
| 5     | 67     | 0     | 75     | 51    | 35    |    |
| 4 27  | 109 27 | 0 27  | 74 36  | 50 36 | 34 40 | 29 |
| 3     | 66     | 0     | 73     | 49    | 33    |    |
| 2 27  | 108 27 | 0 27  | 72 37  | 48 37 | 32 41 | 28 |
| 1     | 65     | 0     | 71     | 47    | 31    |    |
| 0 28  | 107 28 | 0 28  | 70 38  | 46 38 | 30 42 | 27 |
| 0     | 64     | 0     | 69     | 45    | 29    |    |
| 0 29  | 106 29 | 0 29  | 68 39  | 44 39 | 28 43 | 26 |
| 0     | 63     | 0     | 67     | 43    | 27    |    |
| 0 30  | 105 30 | 0 30  | 66 40  | 42 40 | 26 44 | 25 |
| 0     | 62     | 0     | 65     | 41    | 25    |    |
| 0 31  | 104 31 | 0 31  | 64 41  | 40 41 | 24 45 | 24 |
| 0     | 61     | 0     | 63     | 39    | 23    |    |
| 0 32  | 103 32 | 0 32  | 62 42  | 38 42 | 22 46 | 23 |
| 0     | 60     | 0     | 61     | 37    | 21    |    |
| 0 33  | 102 33 | 0 33  | 60 43  | 36 43 | 20 47 | 22 |
| 0     | 59     | 0     | 59     | 35    | 19    |    |
| 0 34  | 101 34 | 0 34  | 58 44  | 34 44 | 18 48 | 21 |
| 0     | 58     | 0     | 57     | 33    | 17    |    |
| 0 35  | 100 35 | 0 35  | 56 45  | 32 45 | 16 49 | 20 |
| 0     | 57     | 0     | 55     | 31    | 15    |    |
| 0 36  | 99 36  | 0 36  | 54 46  | 30 46 | 14 50 | 19 |
| 0     | 56     | 0     | 53     | 29    | 13    |    |
| 0 37  | 98 37  | 0 37  | 52 47  | 28 47 | 12 51 | 18 |
| 0     | 55     | 0     | 51     | 27    | 11    |    |
| 0 38  | 97 38  | 0 38  | 50 48  | 26 48 | 10 52 | 17 |
| 0     | 54     | 0     | 49     | 25    | 9     |    |
| 0 39  | 96 39  | 0 39  | 48 49  | 24 49 | 8 53  | 16 |
| 0     | 53     | 0     | 47     | 23    | 7     |    |
| 0 40  | 95 40  | 0 40  | 46 50  | 22 50 | 6 54  | 15 |
| 0     | 52     | 0     | 45     | 21    | 5     |    |
| 0 41  | 94 41  | 0 41  | 44 51  | 20 51 | 4 55  | 14 |
| 0     | 51     | 0     | 43     | 19    | 3     |    |
| 0 42  | 93 42  | 0 42  | 42 52  | 18 52 | 2 56  | 13 |
| 0     | 50     | 0     | 41     | 17    | 1     |    |
| 0 43  | 92 43  | 0 43  | 40 53  | 16 53 | 0 57  | 12 |
| 0     | 49     | 0     | 39     | 15    | 0     |    |
| 0 44  | 91 44  | 0 44  | 38 54  | 14 54 | 0 58  | 11 |
| 0     | 48     | 0     | 37     | 13    | 0     |    |
| 0 45  | 90 45  | 0 45  | 36 55  | 12 55 | 0 59  | 10 |
| 0     | 47     | 0     | 35     | 11    | 0     |    |
| 0 46  | 89 46  | 0 46  | 34 56  | 10 56 | 0 60  | 9  |
| 0     | 46     | 0     | 33     | 9     | 0     |    |
| 0 47  | 88 47  | 0 47  | 32 57  | 8 57  | 0 61  | 8  |
| 0     | 45     | 0     | 31     | 7     | 0     |    |
| 0 48  | 87 48  | 0 48  | 30 58  | 6 58  | 0 62  | 7  |
| 0     | 44     | 0     | 29     | 5     | 0     |    |
| 0 49  | 86 49  | 0 49  | 28 59  | 4 59  | 0 63  | 6  |
| 0     | 43     | 0     | 27     | 3     | 0     |    |
| 0 50  | 85 50  | 0 50  | 26 60  | 2 60  | 0 64  | 5  |
| 0     | 42     | 0     | 25     | 1     | 0     |    |
| 0 51  | 84 51  | 0 51  | 24 61  | 0 61  | 0 65  | 4  |
| 0     | 41     | 0     | 23     | 0     | 0     |    |
| 0 52  | 83 52  | 0 52  | 22 62  | 0 62  | 0 66  | 3  |
| 0     | 40     | 0     | 21     | 0     | 0     |    |
| 0 53  | 82 53  | 0 53  | 20 63  | 0 63  | 0 67  | 2  |
| 0     | 39     | 0     | 19     | 0     | 0     |    |
| 0 54  | 81 54  | 0 54  | 18 64  | 0 64  | 0 68  | 1  |
| 0     | 38     | 0     | 17     | 0     | 0     |    |
| 0 55  | 80 55  | 0 55  | 16 65  | 0 65  | 0 69  | 0  |
| 0     | 37     | 0     | 15     | 0     | 0     |    |
| 0 56  | 79 56  | 0 56  | 14 66  | 0 66  | 0 70  | 0  |
| 0     | 36     | 0     | 13     | 0     | 0     |    |
| 0 57  | 78 57  | 0 57  | 12 67  | 0 67  | 0 71  | 0  |
| 0     | 35     | 0     | 11     | 0     | 0     |    |
| 0 58  | 77 58  | 0 58  | 10 68  | 0 68  | 0 72  | 0  |
| 0     | 34     | 0     | 9      | 0     | 0     |    |
| 0 59  | 76 59  | 0 59  | 8 69   | 0 69  | 0 73  | 0  |
| 0     | 33     | 0     | 7      | 0     | 0     |    |
| 0 60  | 75 60  | 0 60  | 6 70   | 0 70  | 0 74  | 0  |
| 0     | 32     | 0     | 6      | 0     | 0     |    |
| 0 61  | 74 61  | 0 61  | 5 71   | 0 71  | 0 75  | 0  |
| 0     | 31     | 0     | 5      | 0     | 0     |    |
| 0 62  | 73 62  | 0 62  | 4 72   | 0 72  | 0 76  | 0  |
| 0     | 30     | 0     | 4      | 0     | 0     |    |
| 0 63  | 72 63  | 0 63  | 3 73   | 0 73  | 0 77  | 0  |
| 0     | 29     | 0     | 3      | 0     | 0     |    |
| 0 64  | 71 64  | 0 64  | 2 74   | 0 74  | 0 78  | 0  |
| 0     | 28     | 0     | 2      | 0     | 0     |    |
| 0 65  | 70 65  | 0 65  | 1 75   | 0 75  | 0 79  | 0  |
| 0     | 27     | 0     | 1      | 0     | 0     |    |
| 0 66  | 69 66  | 0 66  | 0 76   | 0 76  | 0 80  | 0  |
| 0     | 26     | 0     | 0      | 0     | 0     |    |
| 0 67  | 68 67  | 0 67  | 0 77   | 0 77  | 0 81  | 0  |
| 0     | 25     | 0     | 0      | 0     | 0     |    |
| 0 68  | 67 68  | 0 68  | 0 78   | 0 78  | 0 82  | 0  |
| 0     | 24     | 0     | 0      | 0     | 0     |    |
| 0 69  | 66 69  | 0 69  | 0 79   | 0 79  | 0 83  | 0  |
| 0     | 23     | 0     | 0      | 0     | 0     |    |
| 0 70  | 65 70  | 0 70  | 0 80   | 0 80  | 0 84  | 0  |
| 0     | 22     | 0     | 0      | 0     | 0     |    |
| 0 71  | 64 71  | 0 71  | 0 81   | 0 81  | 0 85  | 0  |
| 0     | 21     | 0     | 0      | 0     | 0     |    |
| 0 72  | 63 72  | 0 72  | 0 82   | 0 82  | 0 86  | 0  |
| 0     | 20     | 0     | 0      | 0     | 0     |    |
| 0 73  | 62 73  | 0 73  | 0 83   | 0 83  | 0 87  | 0  |
| 0     | 19     | 0     | 0      | 0     | 0     |    |
| 0 74  | 61 74  | 0 74  | 0 84   | 0 84  | 0 88  | 0  |
| 0     | 18     | 0     | 0      | 0     | 0     |    |
| 0 75  | 60 75  | 0 75  | 0 85   | 0 85  | 0 89  | 0  |
| 0     | 17     | 0     | 0      | 0     | 0     |    |
| 0 76  | 59 76  | 0 76  | 0 86   | 0 86  | 0 90  | 0  |
| 0     | 16     | 0     | 0      | 0     | 0     |    |
| 0 77  | 58 77  | 0 77  | 0 87   | 0 87  | 0 91  | 0  |
| 0     | 15     | 0     | 0      | 0     | 0     |    |
| 0 78  | 57 78  | 0 78  | 0 88   | 0 88  | 0 92  | 0  |
| 0     | 14     | 0     | 0      | 0     | 0     |    |
| 0 79  | 56 79  | 0 79  | 0 89   | 0 89  | 0 93  | 0  |
| 0     | 13     | 0     | 0      | 0     | 0     |    |
| 0 80  | 55 80  | 0 80  | 0 90   | 0 90  | 0 94  | 0  |
| 0     | 12     | 0     | 0      | 0     | 0     |    |
| 0 81  | 54 81  | 0 81  | 0 91   | 0 91  | 0 95  | 0  |
| 0     | 11     | 0     | 0      | 0     | 0     |    |
| 0 82  | 53 82  | 0 82  | 0 92   | 0 92  | 0 96  | 0  |
| 0     | 10     | 0     | 0      | 0     | 0     |    |
| 0 83  | 52 83  | 0 83  | 0 93   | 0 93  | 0 97  | 0  |
| 0     | 9      | 0     | 0      | 0     | 0     |    |
| 0 84  | 51 84  | 0 84  | 0 94   | 0 94  | 0 98  | 0  |
| 0     | 8      | 0     | 0      | 0     | 0     |    |
| 0 85  | 50 85  | 0 85  | 0 95   | 0 95  | 0 99  | 0  |
| 0     | 7      | 0     | 0      | 0     | 0     |    |
| 0 86  | 49 86  | 0 86  | 0 96   | 0 96  | 0 100 | 0  |
| 0     | 6      | 0     | 0      | 0     | 0     |    |
| 0 87  | 48 87  | 0 87  | 0 97   | 0 97  | 0 101 | 0  |
| 0     | 5      | 0     | 0      | 0     | 0     |    |
| 0 88  | 47 88  | 0 88  | 0 98   | 0 98  | 0 102 | 0  |
| 0     | 4      | 0     | 0      | 0     | 0     |    |
| 0 89  | 46 89  | 0 89  | 0 99   | 0 99  | 0 103 | 0  |
| 0     | 3      | 0     | 0      | 0     | 0     |    |
| 0 90  | 45 90  | 0 90  | 0 100  | 0 100 | 0 104 | 0  |
| 0     | 2      | 0     | 0      | 0     | 0     |    |
| 0 91  | 44 91  | 0 91  | 0 101  | 0 101 | 0 105 | 0  |
| 0     | 1      | 0     | 0      | 0     | 0     |    |
| 0 92  | 43 92  | 0 92  | 0 102  | 0 102 | 0 106 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 93  | 42 93  | 0 93  | 0 103  | 0 103 | 0 107 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 94  | 41 94  | 0 94  | 0 104  | 0 104 | 0 108 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 95  | 40 95  | 0 95  | 0 105  | 0 105 | 0 109 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 96  | 39 96  | 0 96  | 0 106  | 0 106 | 0 110 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 97  | 38 97  | 0 97  | 0 107  | 0 107 | 0 111 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 98  | 37 98  | 0 98  | 0 108  | 0 108 | 0 112 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 99  | 36 99  | 0 99  | 0 109  | 0 109 | 0 113 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |
| 0 100 | 35 100 | 0 100 | 0 110  | 0 110 | 0 114 | 0  |
| 0     | 0      | 0     | 0      | 0     | 0     |    |

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Meanders Right Bank Colorado River, down stream, page 45  
 Meanders Left Bank Colorado River, up stream, page 47.



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## INDEX DIAGRAM.

Township 2 South, Range 14 West

|     |        |        |        |        |        |
|-----|--------|--------|--------|--------|--------|
| 6   | 203 5  | 192 4  | 185 3  | 177 2  | 168 1  |
| 202 | 201    | 191    | 184    | 176    | 167    |
| 7   | 201 8  | 191 9  | 183 10 | 175 11 | 166 12 |
| 200 | 199    | 190    | 183    | 174    | 166    |
| 18  | 199 17 | 190 16 | 182 15 | 173 14 | 165 13 |
| 198 | 198    | 189    | 181    | 173    | 164    |
| 29  | 197 20 | 188 21 | 180 22 | 172 23 | 163 24 |
| 196 | 196    | 188    | 180    | 171    | 162    |
| 30  | 195 29 | 187 28 | 179 27 | 171 26 | 162 25 |
| 194 | 193    | 186    | 178    | 170    | 161    |
| 31  | 193 30 | 185 31 | 177 32 | 169 33 | 160 34 |

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## INDEX DIAGRAM.

Township 2 South, Range 15 West

|     |        |        |        |        |        |
|-----|--------|--------|--------|--------|--------|
| 6   | 252 5  | 243 4  | 236 3  | 228 2  | 221 1  |
| 252 | 251    | 242    | 235    | 228    | 220    |
| 7   | 251 8  | 241 9  | 234 10 | 227 11 | 219 12 |
| 250 | 249    | 241    | 234    | 226    | 219    |
| 18  | 249 17 | 240 16 | 233 15 | 226 14 | 218 13 |
| 248 | 248    | 240    | 233    | 225    | 217    |
| 19  | 247 20 | 239 21 | 232 22 | 224 23 | 217 24 |
| 246 | 246    | 238    | 231    | 224    | 216    |
| 30  | 245 29 | 238 28 | 231 27 | 223 26 | 215 25 |
| 245 | 244    | 237    | 230    | 222    | 214    |
| 31  | 243 32 | 237 33 | 229 34 | 221 35 | 213 36 |

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## INDEX DIAGRAM.

Township 1 1/2 South, Range 15 West

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| 6  | 5      | 4      | 3      | 2      | 1      |
| 7  | 8      | 9      | 10     | 11     | 12     |
| 13 | 17     | 16     | 15     | 14     | 13     |
| 19 | 20     | 21     | 22     | 23     | 24     |
| 30 | 29     | 28     | 27     | 26     | 25     |
| 31 | 265 32 | 264 33 | 264 34 | 263 35 | 262 36 |

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# INDEX DIAGRAM.

Township 3 South, Range 15 West

|     |        |        |        |        |        |
|-----|--------|--------|--------|--------|--------|
| 6   | 317 5  | 306 4  | 299 8  | 291 2  | 283 1  |
| 317 | 316    | 306    | 298    | 291    | 283    |
| 7   | 315 8  | 305 9  | 298 10 | 290 11 | 282 12 |
| 315 | 314    | 304    | 297    | 289    | 281    |
| 18  | 313 17 | 304 16 | 296 15 | 288 14 | 280 18 |
| 313 | 312    | 303    | 296    | 288    | 279    |
| 19  | 311 20 | 302 21 | 295 22 | 287 23 | 279 24 |
| 310 | 310    | 302    | 294    | 287    | 278    |
| 30  | 309 29 | 301 28 | 294 27 | 286 26 | 277 25 |
| 308 | 308    | 301    | 293    | 285    | 276    |
| 31  | 307 32 | 300 33 | 292 34 | 284 35 | 275 36 |



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## INDEX DIAGRAM.

Township 2 South, Range 16 West

| 372       | 371           | 370           | 370           | 369           | 368           |
|-----------|---------------|---------------|---------------|---------------|---------------|
| 6<br>367  | 367 5<br>366  | 357 4<br>357  | 350 3<br>350  | 343 2<br>343  | 336 1<br>336  |
| 7<br>365  | 366 8<br>364  | 356 9<br>355  | 349 10<br>348 | 342 11<br>342 | 335 12<br>334 |
| 18<br>363 | 364 17<br>363 | 355 16<br>354 | 348 15<br>347 | 341 14<br>340 | 333 13<br>333 |
| 29<br>361 | 362 20<br>361 | 353 21<br>353 | 347 22<br>346 | 340 23<br>339 | 332 24<br>331 |
| 30<br>359 | 360 29<br>359 | 352 28<br>352 | 345 27<br>345 | 339 26<br>338 | 331 25<br>330 |
| 31        | 358 22        | 351 23        | 344 24        | 337 25        | 329 26        |

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## INDEX DIAGRAM.

Township 31 South, Range 1 East

|           |               |               |               |               |               |     |
|-----------|---------------|---------------|---------------|---------------|---------------|-----|
| 6<br>476  | 477 5<br>475  | 456 4<br>455  | 442 3<br>441  | 429 2<br>427  | 410 1<br>414  | 401 |
| 7<br>472  | 474 6<br>471  | 454 5<br>453  | 440 10<br>439 | 426 11<br>425 | 413 12<br>412 | 400 |
| 18<br>469 | 470 17<br>468 | 451 16<br>450 | 438 15<br>436 | 424 14<br>423 | 411 13<br>410 | 399 |
| 29<br>464 | 466 20<br>463 | 449 21<br>448 | 435 22<br>434 | 422 23<br>421 | 408 24<br>407 | 397 |
| 30<br>460 | 462 29<br>459 | 447 28<br>446 | 433 27<br>432 | 420 26<br>419 | 406 25<br>405 | 396 |
| 31<br>385 | 457 32<br>387 | 444 33<br>389 | 430 34<br>390 | 417 35<br>392 | 404 36<br>393 | 394 |

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## INDEX DIAGRAM.

Township 9 North, Range 4 West

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 6  | 5  | 4  | 3  | 2  | 1  |
| 7  | 8  | 9  | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 29 | 28 | 21 | 22 | 23 | 24 |
| 26 | 27 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

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# FIELD NOTES

OF THE SURVEY OF THE

INDEPENDENT RESURVEY OF THE NORTH AND EAST BOUNDARIES; SURVEY OF THE  
SOUTH AND WEST BOUNDARIES AND SUBDIVISION, AND MEANDERS OF THE RIGHT  
AND LEFT BANKS OF THE COLORADO RIVER,

OF

T. 29 S., R. 20 E.

Of the Salt Lake Base And Meridian,

In the State of Utah.

EXECUTED BY

Carl S. Swanholm U. S. Cadastral Engineer

Chas. F. Moore U. S. Surveyor

Robert C. Yundt, U. S. Surveyor

In the capacity of U. S. Surveyors, under instructions dated March 8, 1926,

issued by the United States District Cadastral Engineer ~~Surveyor General~~ to govern surveys included in

Group No. 176, which were approved by the Commissioner of the General Land

Office, March 24, 1926. Assignment instructions dated  
April 1, 1926 and August 10, 1927. Supplemental assignment instructions  
dated May 10, 1927, and July 19, 1926.

Survey commenced October 9, 1926.

Survey completed November 20, 1927.



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# INDEX DIAGRAM.

|    |  | Township 29 South |     |     |     | Range 20 East |    |    |    |    |    |    |    |
|----|--|-------------------|-----|-----|-----|---------------|----|----|----|----|----|----|----|
|    |  | 39                | 37  | 36  | 35  | 34            | 33 |    |    |    |    |    |    |
| 23 |  | 6                 | 125 | 5   | 100 | 4             | 85 | 3  | 70 | 2  | 54 | 1  | 32 |
|    |  | 124               |     | 123 |     | 99            |    | 83 |    | 69 |    | 53 |    |
| 21 |  | 7                 | 121 | 8   | 97  | 9             | 82 | 10 | 67 | 11 | 51 | 12 | 31 |
|    |  | 120               |     | 119 |     | 96            |    | 81 |    | 65 |    | 50 |    |
| 19 |  | 18                | 118 | 17  | 95  | 16            | 80 | 15 | 64 | 14 | 48 | 18 | 29 |
|    |  | 116               |     | 115 |     | 94            |    | 79 |    | 62 |    | 48 |    |
| 18 |  | 19                | 113 | 20  | 92  | 21            | 78 | 22 | 60 | 23 | 46 | 24 | 28 |
|    |  | 111               |     | 109 |     | 91            |    | 77 |    | 59 |    | 45 |    |
| 17 |  | 30                | 106 | 29  | 89  | 28            | 75 | 27 | 57 | 26 | 44 | 25 | 26 |
|    |  | 104               |     | 103 |     | 88            |    | 74 |    | 56 |    | 43 |    |
| 15 |  | 31                | 101 | 33  | 86  | 33            | 72 | 34 | 55 | 35 | 42 | 36 | 25 |
|    |  | 14                |     | 12  |     | 10            |    | 9  |    | 7  |    | 5  |    |

SECTION 12-1 TO 21-1, T. 29 S., R. 20 E.

DATE DIAGRAM

|          | 10-20-26          | 10-20-26       | 10-19-26       | 10-19-26       | 10-18-26       | 10-17-26       |
|----------|-------------------|----------------|----------------|----------------|----------------|----------------|
| 10-20-27 | 10-5-27<br>6-8-27 | 5<br>6-10-27   | 4<br>6-11-27   | 3<br>6-15-27   | 2<br>6-24-27   | 1<br>6-25-27   |
| 10-19-26 | 7<br>6-7-27       | 8<br>6-9-27    | 9<br>6-14-27   | 10<br>6-19-27  | 11<br>6-23-27  | 12<br>6-29-27  |
| 10-19-26 | 18<br>6-6-27      | 17<br>6-4-27   | 16<br>5-27-27  | 15<br>6-16-27  | 14<br>6-21-27  | 13<br>6-22-27  |
| 10-18-26 | 19<br>6-2-27      | 20<br>6-3-27   | 21<br>5-28-27  | 22<br>5-24-27  | 23<br>5-26-27  | 24<br>6-30-27  |
| 10-17-26 | 30<br>5-21-27     | 29<br>6-1-27   | 28<br>5-5-27   | 27<br>5-3-27   | 26<br>5-18-27  | 25<br>5-17-27  |
| 10-16-26 | 31<br>10-15-26    | 32<br>10-14-26 | 33<br>10-13-26 | 34<br>10-12-26 | 35<br>10-11-26 | 36<br>10-10-26 |

All lines dated in red were surveyed by Chas. F. Moore,  
U.S. Surveyor.

All lines dated black were surveyed by Robert C. Yundt,  
U.S. Surveyor.

The meanders of the right and left banks of the Colorado  
River, were surveyed by Carl S. Swanholm, U.S. Cadastral  
Engineer.

## DESCRIPTION AND TESTS OF INSTRUMENTS

Survey commenced October 9, 1926, and executed with Biff and Buff solar transits No. 9220, used by Chas. F. Moore, U.S. Surveyor, and No. 9797 used by Robert C. Yundt, U.S. Surveyor. These instruments were approved for use on this survey by the District Cadastral Engineer, for Utah, in assignment instructions issued to Chas. F. Moore, dated April 1, 1926, supplemental assignment instructions issued to Robert C. Yundt, dated July 19, 1926, and supplemental assignment instructions issued to Chas. F. Moore and Robert C. Yundt, dated May 10, 1927.

Both instruments are equipt with Smith solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circles.

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, I proceed as follows.

October 9, 1926: At our station at the cor. of T. 29 S., Rs. 20 and 21 E., Salt Lake Base and Meridian, Utah; in approximate latitude  $38^{\circ}14'$  N., longitude  $109^{\circ}40'$  W., at 23m p.m. local mean time, we observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions and mark the mean point in the line thus determined by a tally pin, driven firmly in the ground, about 10 chains to the N. of our station.

Azimuth of Polaris at eastern elongation  $1^{\circ}23'30''$  W.

We lay off the azimuth of Polaris,  $1^{\circ}23'30''$  to the W., and mark the meridian thus determined by a tally pin, driven firmly in the ground, about 10 chains north of our station.

October 10, 1926; at 8h 30m a.m. apparent time, with the instruments in the meridian, we set off  $38^{\circ}14'$  N., on the latitude arcs;  $6^{\circ}29'30''$  S., on the declination arcs; and determine meridians with the solars which we find to agree within  $1'$  of the true meridian.

At apparent noon, with instrument No. 9220, we make a meridian observation of the sun for time and latitude, observing simultaneously, the transit of the sun's west limb and the altitude of the sun's upper limb, reversing the telescope and observing simultaneously the transit of the sun's east limb and the altitude of the sun's lower limb.

|                                 |                     |
|---------------------------------|---------------------|
| Mean observed altitude          | $45^{\circ}12'30''$ |
| Reduced latitude                | $38^{\circ}14'00''$ |
| Mean watch time of observation  | 11h 43m 13s         |
| Watches fast of local mean time | 0h 1m 00s           |

At apparent noon, with the instruments in the meridian and  $38^{\circ}14'$  N., set off on the latitude arcs, we find the readings of the declination arcs to be  $6^{\circ}33'30''$  S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off  $6^{\circ}36'$  S., on the declination arcs, and determine meridians with the solars which we find to agree within  $1'$  of the true meridian.

As all the solar observations made during the usual hours of solar work, come within  $1'$  of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on meridians determined by observations made on

Polaris.

T. 29 S. 36 E. 20 E.

## Chains

Work was discontinued on this township, October 20, 1926, and resumed May 17, 1927, same instruments being used. I again test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with the meridian determined by observations made on Polaris, October 9, 1926, as heretofore shown.

May 15, 1927; with the instruments in the meridian established by observations made on Polaris, we set off  $18^{\circ}44'30''$  N., on the declination arcs;  $38^{\circ}14'$  N., on the latitude arcs; and at, 8h 30m a.m. apparent time, we determine meridians with the solars, which we find to agree with the true meridian.

At apparent noon, with the instruments in the meridian, and the latitude arcs unchanged, we find the readings of the declination arcs to be  $18^{\circ}46'30''$  N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian, we set off  $18^{\circ}49'$  N., on the declination arcs, and determine meridians with the solars which we find to agree within  $1'$  of the true meridian.

As all the solar observations made during the usual hours of solar work, come within  $1'$  of the true meridian, we conclude that the instruments are in satisfactory adjustment.

November 20, 1927: At the completion of the survey of this township, we make a final test of the instruments as follows.

With the instruments in the meridian established by observations made on Polaris as heretofore described, we set off  $38^{\circ}14'$  N., on the latitude arcs,  $19^{\circ}32'$  S., on the declination arcs; and at 8h 30m a.m. apparent time, we determine meridians with the solars, which we find to agree with the true meridian.

At apparent noon, with the instruments in the meridian,

of the declination arcs to be  
from 90000 to 90000 90000 90000

the meridian, we set off  $19^{\circ} 35' S.$  which agrees with

- 02 0.15

•

### MEASUREMENTS.

with Lallie steel tapes 5 and 8 chains in length, compared with a Lurkin standard steel tape, 1 chain in

SOUTH BOUNDARY.

**Note:** The following information is for informational purposes only and is not intended to be used for any other purpose.

Utah, that the marks on the corners originally set on the south boundary of this township have been changed to

Howard G. Mason, U. S. Transitman and Thos. C. Rathbone

TS 100-100000-100000

## SOUTH BOUNDARY T. 29 S. R. 20 E.

Chains Group 53, Utah, which is an iron post 3 ins.diam., firmly set, extending 12 ins.above a mound of stone, with brass cap marked

T29S  
R20E R21E  
S36 S31  
1916

witnessed by a mound of stone 2 ft.base 1½ ft.high N. of cor. Thence

West along the south boundary of Sec.36

Over broken bench land; through scattered timber and undergrowth.

3.70 Descend over sandstone ledge, 5 ft.high, bears N.and S.

35.70 Wash 20 lks.wide, 2 ft.deep, 125 ft. below cor.drains S.

37.98 Record course and distance, the corner of T. 20 S. Rs. 20 and 21 E., which is an iron post 3 ins.diam., extending 12 ins.above ground, firmly set, with brass cap marked

T29S R20E  
S36  
S 1 S 6  
R20E R21E  
T30S  
1916

This corner was subsequently changed to read

T29S R20E  
S36  
S 6 S 6  
R20E R21E  
T29S T30S  
1916

Witnessed by a mound of stone 2 ft.base, 1½ ft.high S.of corner.

40.00 On surface rock, mark a cross (X) over which  
Set an iron post 3 ft.long, 1 in.diam. 30 ins.in a mound of stone, for ¼ sec.cor. sec.36 T. 29 S. R. 20 E. with brass cap marked

S 36 S 6  
1926

from which

A scrub juniper, 4 ins.diam., bears N.20° 45'E.  
207 lks.dist., marked S 36 S 6

A scrub juniper, 3 ins.diam., bears N. 54° 45' E.  
95 lks.dist., marked BT

No suitable bearing tree to the NW.available.

**SOUTH BOUNDARY, T. 29 S., R. 20 E.**

**Chains**

- 50.60 Draw, drains S.; wagon road in draw, bears NW. to Lockhart and S. to Indian Creek.
- 50.00 On surfacerock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 35 and 36, T. 29 S., R. 20 E. only, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S35  | S36  |

T29S R20E  
S36

1926  
Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general southerly exposure and drainage.

Soil, shallow, loose, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

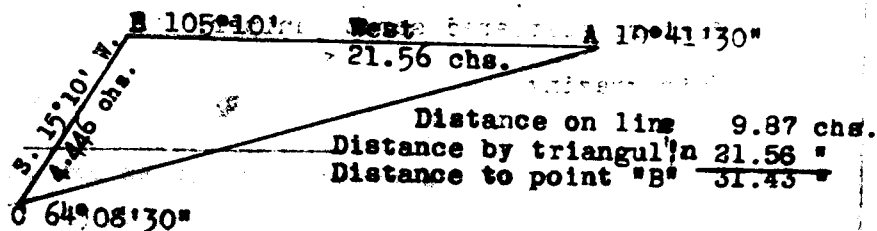
Timber, scattered scrub juniper.

Fair grazing.

West, along the S. bdy. sec. 35.

Over broken bench land and ledge through scattered undergrowth and timber.

- 9.87 The line to the W. of this point passes over high inaccessible buttes and surfacerock, over which it is impracticable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line W. From flag "B", measure base line "BC", S. 15° 10' W., 4.446 chs. dist., from which point, flags "AB" subtend an angle of 64° 05' 30".





## SOUTH BOUNDARY, T. 29 S., R. 20 E.

- 23.00 Approximate distance, rocky draw, drains SW.  
 31.43 To point "B" of triangulation; thence by chaining  
 34.80 Top of low ridge, bears NW. and SE.  
 40.00 On surfacerock, mark a cross (X), over which  
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
 round of stone, for  $\frac{1}{2}$  sec. cor. sec. 35, T. 29 S.,  
 R. 20 E. only, with brass cap marked.

1 935

1926

From which,

A scrub juniper, 3 ins. diam., bears N.  $81^{\circ}$  W., 100 lks.  
 dist., marked BT.

No other suitable bearing tree available.

Thence over broken sandstone buttes and surfacerock.

- 50.00 On surfacerock, mark a cross (X), over which:  
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a  
 round of stone, for cor. secs. 34 and 35, T. 29 S.,  
 R. 20 E. only, with brass cap marked.

|      |      |
|------|------|
| T298 | R20E |
| 934  | 935  |

|      |      |
|------|------|
| T298 | R20E |
| 935  |      |

1926

From which,

A juniper, 3 ins. diam., bears N.  $58^{\circ}$  E., 388 lks.  
 dist., marked BT.

A juniper, 6 ins. diam., bears N.  $38^{\circ}15'$  W., 26 lks.  
 dist., marked T298 R20E 934 BT.

Land, broken by ledges and buttes, with a general  
 southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock, 3rd rate.

Undergrowth, scattered shadscale, mountain brush, yellow  
 top, sage, and black brush.

Timber, scattered scrub juniper.

Fair grazing

11.50 Along the S. bdy. of sec. 34.  
Over broken sandstone buttes and surfacerock, through  
scattered undergrowth and timber.

8.40 Draw, bearing SW.  
Top of sandstone spur, projects SE.; thence descend  
over broken ledges into Indian Creek Canyon.

40.00 True point for the  $\frac{1}{4}$  sec. cor. falls on steep face of  
surfacerock where it is impracticable to set a cor.

41.00 On surfacerock, mark a cross (X), over which.  
Set an iron post,  $\frac{1}{2}$  ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor.  
sec. 34, T. 29 S., R. 20 E. only, with brass cap  
marked.

$\frac{1}{4}$  S34

WC

1926

From which,

A pinon, 8 ins. diam., bears N. 20° W., 84 lks.  
dist., marked WC  $\frac{1}{4}$  S34 BT.

No other suitable bearing trees available.

48.40 Vertical sandstone ledge, 130 ft. high, which forms the  
top of the right breaks of Indian Creek Canyon, bears  
N. and S.; descend abruptly over broken ledges.

53.20 The right bank of Indian Creek, 10 ft. high, bears  
NW. and SE.; small spring, bears S. of this point,  
about 2.00 chs. dist.; thence across bottom of Indian  
Creek channel; small seeps of water along bottom of  
channel, drain N. 15° W.

56.70 The left bank of Indian Creek, bears N. 15° W. and  
S. 15° E.; ascend over broken W. breaks of Indian Creek  
Canyon.

63.00 Top of W. breaks of Indian Creek Canyon, bears NW. and SE.

65.00 Small spur, 100 ft. above bottom of canyon, projects  
N. 75° E.; descend gradually to bottom of Indian Creek.

67.71 Eastern stated cor. line, bears N. 60° 19' W.

## SOUTH BOUNDARY, T. 29 S. R. 20 E.

Chains

77.70

Recross Indian Creek channel, 200 ft. below spur, drains S.  $70^{\circ}$  W. At this point, the channel is 3.00 chs. wide and 10 ft. deep.

80.00

On surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 33. and 34, T. 29 S., R. 20 E. only, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S33  | S34  |

T29S R20E  
S34

1926

From which,

A stationery boulder, size, 20 x 10 x 6 ft., marked X BO S34, bears N.  $3^{\circ}$  E., 309 lks. dist.

The point on face of vertical ledge, 25 ft. high, marked X BO S33, bears N.  $55^{\circ}$  W., 234 lks. dist.

No suitable bearing trees available.

Land, broken by ledges, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

West, along the S. bdy. sec. 33.

Over broken land through scattered undergrowth and timber

.40

Small wash, drains SW.

3.30

The top of right rim of Indian Creek Canyon, 200 ft. high bears NE. and SW.; thence over broken bench.

19.50

The left rim of box canyon, 150 ft. high, bears N. and S., thence across bottom of canyon, 150 ft. deep, drains S.

21.60

Top of right rim of box canyon, bears N. and S.; thence ascend to top of sandstone spur.

SOUTH BOUNDARY, T. 29 S., R. 20 E.

Chains

- 37.00 Sandstone spur, 280 ft. above canyon, projects S.;  
descend gradually over broken W. slope.
- 40.00 True point for the  $\frac{1}{4}$  sec. cor. falls on steep face of  
ledge where it is impracticable to set cor.
- 41.00 On surface rock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor.  
sec. 33, T. 29 S., R. 20 E. only, with brass cap marked.

$\frac{1}{4}$  S33

WC

1926

From which,

- A juniper, 10 ins. diam., bears N.  $5^{\circ}30'$  W., 53 lks.  
dist., marked WC  $\frac{1}{4}$  S33 BT.
- A point on sandstone boulder, size 30 x 20 x 15 ins.,  
marked WC X BO S33, bears N.  $31^{\circ}39'$  W., 202 lks.  
dist.
- No suitable bearing tree to the NE. available.
- 47.90 The right rim of Indian Creek Canyon, bears S. and  
N.  $80^{\circ}$  W.
- 62.30 Bottom of Indian Creek Canyon, 300 chs. wide, 13 ins.  
deep, 440 ft. below spur, drains N.  $75^{\circ}$  W. Small seep  
of water along bottom of canyon.
- 65.30 Old Indian ruins, bear S., about 4.00 chs. dist.
- 80.00 On abrupt N. slope, at a point 20 lks. N. of base of ledge.  
Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in  
the ground to bedrock and 15 ins. in a mound of stone,  
for cor. secs. 32 and 33, T. 29 S., R. 20 E. only,  
with brass cap marked.

T29S R20E

S32 S33

T29S R20E

S33

1926

From which,

- A point on ledge, 2 ft. above base, marked X BO.  
bears S.  $81^{\circ}15'$  W., 126 lks. dist.

Chains

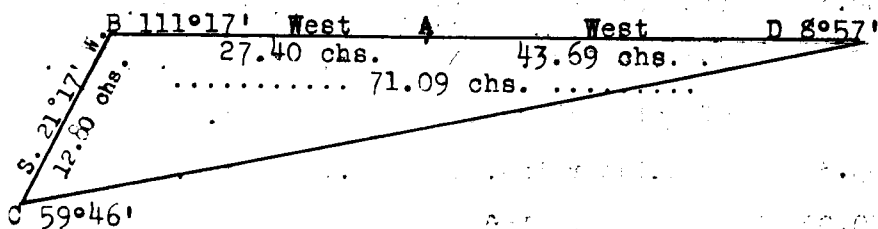
ended

No other suitable accessories available.  
 Land, broken by ledges, with a general southerly exposure and drainage.  
 Soil, shallow, loose, sand, clay, and rock; 3rd rate.  
 Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.  
 Timber, scattered scrub juniper.  
 Fair grazing.

West, along the S. bdy. of sec. 32.

Over inaccessible ledge through scattered undergrowth and timber.

To determine the distance W. from the cor. secs. 32 and 33, I triangulate as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "B", measure base line "BC", S.  $21^{\circ}17'$  W., 12.80 chs. dist. from which point, it is impossible to see flag "A", but a flag left E., 43.69 chs. dist. from the cor. secs. 32 and 33, which I designate "D", subtends an angle of  $59^{\circ}46'$  from flag "B".



|                            |            |
|----------------------------|------------|
| Distance by triangulation. | 71.09 chs. |
| Distance "D" to "A"        | 43.69 chs. |
| Distance "A" to "B"        | 27.40 chs. |

27.40 To point "B" of triangulation, thence by chaining.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 32, T. 29 S., R. 20 E. only, with brass cap marked.

of  $\frac{1}{4}$  S32

1926

From which,

SOUTH BOUNDARY, T. 29 S., R. 20 E.

CHAINS

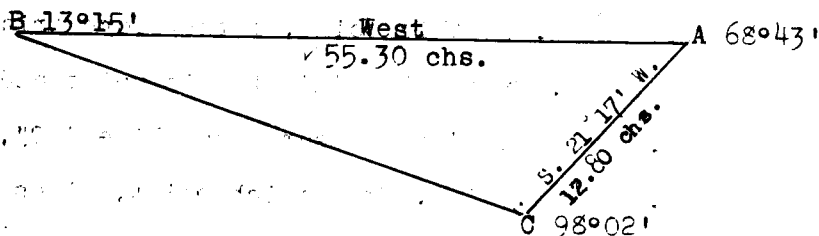
Set a scrub juniper, 3 ins. diam., bears N. 81° W., 90 lks. distant, marked BT.

A point on sandstone boulder, size 12 x 10 x 4 ft., well exposed, marked X BQ S32, bears N. 82° W., 222 lks. dist.

No suitable accessories available to the NE.

48.80 Bottom of wash, 30 lks. wide, 3 ft. deep, drains N. 30° E.

52.00 The E. base of sandstone butte, with vertical walls, 200 ft. high, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the 27.40 chs. point and flag "B" on line W. From flag "A", measure base line "AC", S. 21° 17' W., 12.80 chs. dist., from which point, flags "AB" subtend an angle of 98° 02'.



|                                |            |
|--------------------------------|------------|
| Distance on line               | 27.40 chs. |
| Distance by triangulation      | 55.30 chs. |
|                                | 82.70 chs. |
| Distance by return measurement | 2.70 chs.  |
|                                | 80.00 chs. |

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 31 and 32, T. 29 S., R. 20 E. only, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S31  | S32  |

T29S R20E  
S32

1926

From which,

A pinon, 10 ins. diam., bears N. 87° 45' W., 59 lks. dist., marked T29S R20E S31 BT.

No other bearing tree available.

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

SOUTH BOUNDARY, T. 29 S., R. 20 E.

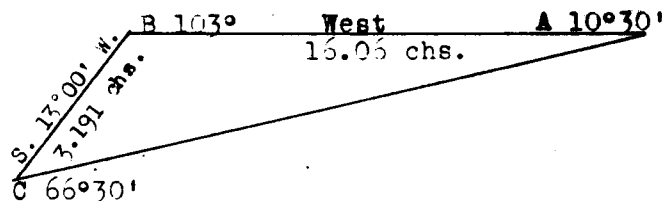
Chains

Land, broken by ledges and inaccessible buttes, with a general northerly and southerly exposure and drainage. Soil, shallow, loose, sand, and rock; 3rd rate. Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush. Timber, scattered scrub juniper and pinon. Fair grazing.

West, along the S. bdy. sec. 31.

Over broken sandstone ledges through scattered timber and undergrowth.

- 2.70 To point "B" of triangulation along the S. bdy. of sec. 32. Vertical ledges make chaining impracticable to the W. of this point, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line W. From flag "A", measure base line "BC", S. 13° W., 3.191 chs. dist. from which point, flags "AB" subtend an angle of 66°30'.



|                           |                   |
|---------------------------|-------------------|
| Distance on line          | 2.70 chs.         |
| Distance by triangulation | 16.06 chs.        |
|                           | <u>18.76 chs.</u> |

- 18.76 To point "B" of triangulation; thence by chaining.
- 19.80 Top of ridge, bears NE. and SW.; thence over broken ledges.
- 28.20 Wash, 20 lks. wide, 2 ft. deep, in bottom of canyon, drains N.; thence ascend broken walls of canyon.
- 40.00 On surfacerock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., sec. 31, T. 29 S., R. 20 E. only, with brass cap marked.

$\frac{1}{4}$  S31

**WEST BOUNDARY, T. 29 S., R. 20 E.**

From which, NW corner of sec. 31, bears S. 36° 30' E., 108 lks.

A juniper, 3 ins. diam., bears N. 68° W., 297 lks.

Wood, marked BT.

A juniper, 3 ins. diam., bears N. 68° W., 297 lks.

Wood, marked BT.

45.70 Ridge, 100 ft. high, bears NW. and SE.; thence over

broken ledges and small flats.

50.00 On surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in a mound of stone, for cor. T. 29 S., R. 19 and 20 E. only, with brass cap marked.

|      |      |
|------|------|
| T29S |      |
| R19E | R20E |
| 836  | 831  |

T29S R20E 831

1926

From which,

A point on the surface rock, marked X BO 831, bears N. 0° 30' E., 52 lks. dist.

A point on the surface rock, marked X BO 836, bears N. 82° W., 142 lks. dist.

No suitable bearing trees available.

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sandy clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

**WEST BOUNDARY, T. 29 S., R. 20 E.**

From the cor. T. 29 S., R. 19 and 20 E. (sec. 31)

North, bet. secs. 31 and 36, along the W. bdy. of the

township.

Over broken SW. slope of ledges and surface rock, through



# WEST BOUNDARY, I. R. LINE, NE. 1/4, 34.00

On line

scattered timber and undergrowth. (down bank)

34.00 The right rim of box canyon, bears NE 20° and SW.

39.20 Wash, 20 lks. wide, 2 ft. deep, in bottom of canyon,  
170 ft. deep, drains NE.

40.00 In broken N. breaks of canyon, on surface rock, mark a  
cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
round of stone, for 1/4 sec. cor., with brass cap marked.

336 | 331

1926

No other suitable accessories available.

43.40 Top of left rim of canyon, 170 ft. above bottom, bears  
NE. and SW.

44.00 Top of right rim of box canyon, bears NE. and SW.

47.00 Wash, 15 lks. wide, 5 ft. deep, in bottom of box canyon,  
150 ft. deep, drains NE.

48.00 Top of left rim of box canyon, bears NE. and SW.

51.50 Wash, 150 lks. wide, 25 ft. deep, in bottom of small  
canyon, drains N. 70° E.

50.00 On abrupt S. slope of surface rock, mark a cross (X), over  
which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a  
round of stone, for cor. sees. 25, 30, 31 and 36, with  
brass cap marked.

T298  
R19E | R20E  
325 | 330

836 | 831

1926

No other suitable accessories available.

Land, broken by ledges and canyons with a general  
northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 75% rate.

Undergrowth, scattered shadeless, mountain rush, yellow

top, sage, and black brush.

Chains

Timber, scattered scrub juniper.

Pair grazing.

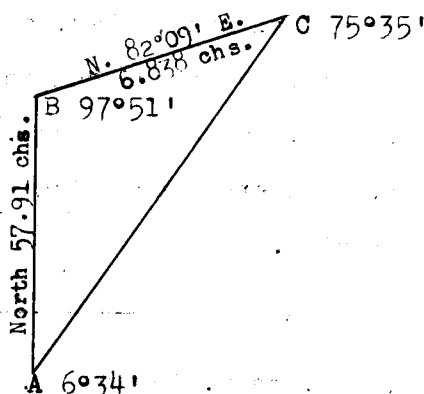
North, bet. secs. 25 and 30.

Over broken ledges through scattered undergrowth and timber.

4.50 Wash, 20 lks. wide, 2 ft. deep, drains NE.

5.00 Base of inaccessible vertical ledges, about 300 ft.

high, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at a point, S., 34.00 chs. dist. from the cor. secs. 25, 30, 31 and 36. Erect flag "B" on line N. and from this point, measure base line "BC", N.  $82^{\circ}09'$  E., 6.838 chs. dist., from which point, flags "AB" subtend an angle of  $75^{\circ}35'$ .



Distance by triangulation 57.91 chs.  
Distance from "A" to sec. cor. 34.00 chs.  
23.91 chs.

23.91 To point "B" of triangulation; thence by chaining.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
325 | 330

1926

From which, N.  $59^{\circ}15'$  W.,

A point on ledge, marked X BQ 345, bears N.  $59^{\circ}15'$  W., 155 lks. dist.

No other suitable accessories available.

# WEST BOUNDARY, T. 22S. R. 10E. S. 20.

Chains

80.00 On steep W. slope of surfacerock, on E. side of canyon, 75 ft. above the bottom, mark a cross (X), over which. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 19, 24, 25 and 30, with brass cap marked.

|      |      |
|------|------|
| T298 |      |
| R19E | R20E |
| S24  | S19  |
| S25  | S30  |

1926

From which,

A point on ledge, marked X BO S19, bears N. 20° E., 23 lks. dist.

No other suitable accessories available.

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper.

Fair grazing.

North, bet. secs. 19 and 24.

Over broken ledges through scattered undergrowth.

3.00 Bend in wash, 20 lks. wide, 10 ft. deep, in bottom of canyon, drains N. 15° W. from S. 15° W.

16.60 Top of sandstone point, at top of break of canyon, 150 ft. high, projects NW.; descend to bottom of canyon.

18.00 Recross wash in bottom of canyon, drains NE.

40.00 On S. slope of surfacerock on N. side of canyon, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for cor. sec. 19, with brass cap marked.

1926

From which, sec. 13, 18, 19 and 24, bears

N. 79°30' W., 160 lks. (X) across mesa

No other suitable accessories available.

Wash, 20 lks. wide, 2 ft. deep, drains NE.

On N. slope of surface rock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a  
mound of stone, for bor. secs. 13, 18, 19 and 24, with  
brass cap marked.

|      |      |      |
|------|------|------|
| T298 | R19E | R20E |
| S13  | S18  | S19  |

S24

1926

From which,

A point on ledge, marked X BO S18, bears N. 85° E.,  
190 lks. dist.

A point on ledge, marked X BO S19, bears S. 20° E.,  
180 lks. dist.

No other suitable accessories available.

Land, broken by ledges and cut by canyons, with a  
general northerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

Timber, scattered scrub juniper.

Fair grazing.

North, bet. secs. 13 and 18.

Descend abruptly over broken NW. slope of ledges through  
scattered timber and undergrowth.

Wash, 30 lks. wide, 4 ft. deep, in bottom of canyon,  
140 ft. below cor., drains NE.; ascend abrupt SE. slope.

The top of NE. point of mesa, bears NE. and SW.; thence  
descend abrupt N. slope of mesa.

Bottom of Indian Creek Canyon, 270 ft. below point of

# WEST BOUNDARY, T. 29 S., R. 20 E.

Chains

mesa, drains NW.

- 40.00 On surfacerock, at mouth of small canyon from the NE., mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 ins. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|      |     |
|------|-----|
| †    |     |
| S13  | S18 |
| 1926 |     |

From which,

A large boulder, marked X BO  $\frac{1}{4}$ , bears N. 75° W., 120 lks. dist.

No other suitable accessories available.

Thence ascend abruptly over broken SW. slope of spur.

- 51.00 Sour, 200 ft. above Indian Creek Canyon, projects S. 80° W.; descend abrupt NW. slope of spur.

- 59.50 Recross bottom of Indian Creek Canyon, dry, 160 ft. below spur; drains N. 80° E.

- 80.00 On surfacerock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 7, 12, 13 and 18, with brass cap marked.

|      |      |
|------|------|
| T29S |      |
| R19E | R20E |
| S12  | S7   |
| S13  | S18  |
| 1926 |      |

From which,

A point on sandstone boulder, marked X BO S12, bears N. 53° W., 168 lks. dist.

No other suitable accessories available.

Land, broken by ledges, with a general northerly exposure and drainage.

Soil, shallow, loose, sand, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper.

Fair grazing.

North, bet. Secs. 7 and 12.

Over broken ledges through scattered undergrowth and timber.

12.00 Rustler Canyon, from the NE., empties into Indian Creek Canyon, at a point 4.00 chs. E.

15.00 Bottom of Indian Creek Canyon, drains W.

33.50 Spur, 220 ft. above canyon, projects W.; descend abrupt N. slope of spur.

40.00 On broken N. slope of spur, 70 ft. below top, mark a cross (X), on the surfacerock, over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

812 | 817  
1926

From which,

A point on ledge, marked X BO  $\frac{1}{4}$ , bears N.  $65^{\circ}$  E.,  
47 lks. dist.

A point on ledge, marked X BO  $\frac{1}{4}$ , bears N.  $31^{\circ}$  W.,  
157 lks. dist.

No suitable bearing trees available.

48.80 Top of left rim of canyon, bears E. and W.

52.00 Wash, 20 lks. wide, 3 ft. deep, in bottom of canyon, 100 ft. deep, drains W.

62.70 Spur, 200 ft. above canyon, projects W.; descend abrupt N. slope over ledges.

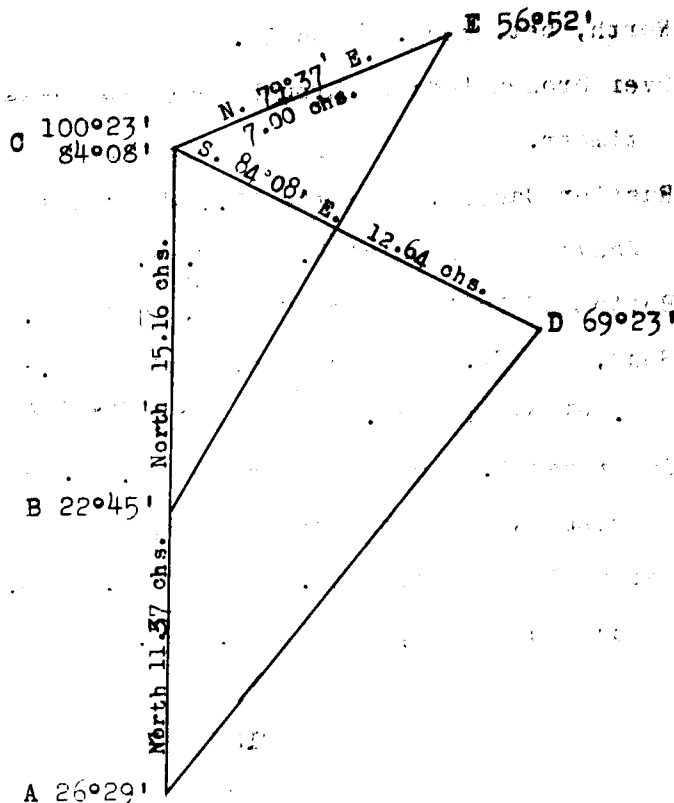
68.17 Leave flag for triangulation point.

79.00 Top of left breaks of the Colorado River, over which I am unable to chain, bears E. and W., I therefore triangulate as follows. Designate the 68.17 chs. point "A", and erect flags "B" and "C" on line E. From "C" measure base lines "CD", S.  $84^{\circ}08'$  E., 12.64 chs. dist., and "CE", N.  $79^{\circ}37'$  E., 7.00 chs. dist.

From "D", "AD" subtends an angle of  $69^{\circ}23'$ . From "E",

"BC" subtends an angle of  $56^{\circ}52'$ .

# WEST BOUNDARY, T. 29 S., R. 20 E.



|                                  |            |
|----------------------------------|------------|
| Distance on line                 | 68.17 chs. |
| Distance by triangulation A to C | 26.53 chs. |
| Distance by triangulation C to B | 94.70 chs. |
|                                  | 15.16 chs. |
|                                  | 79.54 chs. |

79.54 To point "B" of triangulation; thence by chaining.

80.00 On rocky N. slope, 200 ft. below top of S. breaks of river.

Set an iron post, 3 ft. long, 2 ins. dia. 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. sec. 1, 6, 7 and 12, with brass cap marked.

|      |      |
|------|------|
| T29S |      |
| R19E | R20E |
| S1   | S6   |

|     |    |
|-----|----|
| S12 | S7 |
|-----|----|

1926

Deposit a sandstone, 7 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available. "A"

Land, broken by ledges with a general westerly exposure and drainage.

Soil, shallow, loose, sand and rock, 3rd rate.

Undergrowth, scattered shadscale, mountain brush, yellow top, sage, and black brush.

Timber, scattered juniper. Fair grazing.

North, bet. secs. 1 and 6.

Descend abrupt N. slope of S. breaks of the Colorado River through scattered undergrowth.

1.18 As the true point for the meander cor. secs. 1 and 6, of the left bank of the Colorado River, falls on sloping surfacerock where it is impracticable to set a permanent cor., therefore at this point; on broken N. slope, among sandstone boulders.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the meander cor. secs. 1 and 6, with brass cap marked.

W M C  
S1 S6  
R19E R20E  
T20S

1926

Deposit a sandstone, 7 x 5 x 2 ins., at base of post, marked with a cross (X).

1.26 The true point for the meander cor. of secs. 1 and 6, on the left bank of the Colorado River, bears NW. and SE. Point falls on sloping surfacerock where it is impracticable to set a permanent cor.

Thence across river by triangulation as shown on line bet. secs. 7 and 12.

The river at this point is a stream about 6.50 chs. wide, and 5 ft. deep, which flows in a northwesterly direction.

8.54 The mean high water mark of the right bank of Colorado River, bears NW. and SE.

True point for the meander cor. falls in loose sandy bank where it is impracticable to set a permanent cor.

8.86 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness meander cor. secs. 1 and 6, with brass cap marked.

T29S  
R19E R20E  
S1 S6

W M C

1926



Chains

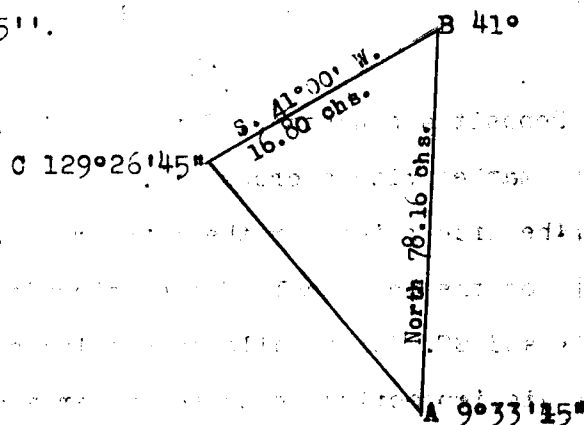
Deposit a sandstone, 7 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Thence through dense undergrowth of willows and iron brush, bears NW. and SE.

13.50 Leave dense undergrowth of willows and iron brush, bears NW. and SE.; thence through scattered undergrowth.

14.70 To point "C" of triangulation as shown on line bet. secs. 7 and 12, at base of inaccessible N. breaks of the Colorado River, I therefore triangulate as follows. Erect flag "A" at a point 1.00 chs. S. of the cor. secs. 1, 6, 7 and 12, and flag "B" on line N. From flag "B", measure base line "BC", S. 41° W., 16.80 chs. dist., from which point, flags "AB" subtend an angle of 129°26'45".



|                                |             |
|--------------------------------|-------------|
| Distance by triangulation      | 78°16' chs. |
| Distance from "A" to sec. cor. | 1.00 chs.   |
|                                | <hr/>       |
|                                | 77.16 chs.  |
| Distance by return measurement | 37.16 chs.  |
|                                | <hr/>       |
|                                | 40.00 chs.  |

40.00 On gentle S. slope of N. breaks of Colorado River, mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1 sec. cor., with brass cap marked.

SI 96  
1926

From which,

A point on ledge, marked X B0 3, bears N. 68° W., 62 lks. dist.

No other suitable accessories available.

77.16 To point "B" of triangulation at top of spar, 300 ft.

On rocky slope of spur, mark a cross (X) on the surface -

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a

round of stone, for dots T<sub>28</sub> and 29 S., R<sub>20</sub> and

20 E. with brass caps marked

|                   |                   |
|-------------------|-------------------|
| T <sub>28</sub> S |                   |
| R <sub>19</sub> E | R <sub>20</sub> E |
| S <sub>36</sub>   | S <sub>31</sub>   |

|                |                |
|----------------|----------------|
| S <sub>1</sub> | S <sub>6</sub> |
|----------------|----------------|

T<sub>29</sub>S

1926

From which,

A point on ledge, marked X B<sub>0</sub> S<sub>6</sub>, bears S. 13°35' E.,  
157 lks. dist.

A point on ledge, marked X B<sub>0</sub> S<sub>1</sub>, bears S. 32°45' W.,  
101 lks. dist.

No three inch iron post is available for cor. and no  
other suitable accessories available.

Land, broken by ledges, with a general northerly and  
southerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

Timber, a few scattered scrub juniper.

Fair grazing.

INDEPENDENT RESURVEY EAST BOUNDARY, T. 29 S., R. 20 E.

SUPERSEDING SURVEY MADE BY E. BUTTNER, YEAR 1884.

Note; The records show the position of the original

survey of this boundary as being approximately 40.00

chs. to the W. of the present boundary, but no trace

of the original survey was found.

These records are not to be used as evidence.

# INDEPENDENT RESURVEY EAST BOUNDARY, T. 20 S., R. 20 E.

Chains

aplan6

From the cor. T. 20 S., Rs. 20 and 21 E., heretofore described.

North, on independent resurvey line, between secs. 31 and 36, along the E. bdy. of the township.

Over broken bench land through scattered undergrowth and timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|                                    |  |
|------------------------------------|--|
| $\frac{1}{4}$<br>S36   S31<br>1926 |  |
|------------------------------------|--|

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Continue over broken bench land.

80.00 On surface rock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 25, 30, 31 and 36, with brass cap marked.

|      |      |
|------|------|
| T20S |      |
| R20E | R21E |
| S25  | S30  |
| S36  | S31  |
| 1926 |      |

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, a few scattered scrub juniper.

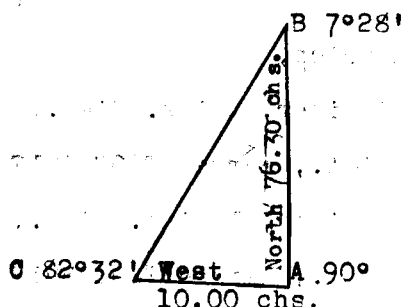
Fair grazing.

North, bet. secs. 25 and 30.

The line to the N. of the cor. secs. 25, 30, 31 and 36, passes over broken inaccessible ledges and through scattered undergrowth and timber.

To determine the distance N. from this cor., triangulate as follows. It being impossible to

measure a base to the N. of this point, erect flag  
 "A" at a point S., 25.02 chs. dist. from the cor. secs.  
 25, 30, 31 and 36. Erect flag "B" on line to the N.,  
 and from flag "A", measure base line "AC", West, 10.00  
 chs. dist., from which point, flags "AB" subtend an  
 angle of  $82^{\circ}32'$



|                                |                  |
|--------------------------------|------------------|
| Distance by triangulation      | 76.30 chs.       |
| Distance from "A" to sec. cor. | 25.02 chs.       |
|                                | <hr/> 51.28 chs. |
| Distance by return measurement | 2.03 chs.        |
|                                | <hr/> 49.25 chs. |

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. falls on inaccessible face of ledge, where it is impracticable to set cor.
- 49.25 At top of vertical sandstone rim, 200 ft. high, 680 ft. above sec. cor., bears SE. and NW., mark a cross (X) on the surfacerock, over which.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 25 and 30, with brass cap marked.

$\frac{1}{4}$   
 S25 | S30  
 WC

1926

- From which, find
- A juniper, 3 ins. diam., bears N.  $46^{\circ}15'$  E., 15 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears N.  $29^{\circ}15'$  W., 32 lks. dist., marked BT.

No larger bearing trees available.

Thence over broken top of mesa called Hatch Point.

- 80.00 On broken top of Hatch Point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in

Chains

the ground, for cor. secs. 19, 24, 25 and 30, with brass cap marked.

|      |      |
|------|------|
| T29S |      |
| R20E | R21E |
| S24  | S19  |
| S25  | S30  |
| 1926 |      |

From which,

A juniper, 6 ins. diam., bears N.  $56^{\circ}45'$  E., 113 lks. dist., marked T29S R21E S19 BT.

A juniper, 10 ins. diam., bears S.  $56^{\circ}$  E., 62 lks. dist., marked T29S R21E S30 BT.

A juniper, 6 ins. diam., bears S.  $19^{\circ}30'$  W., 50 lks. dist., marked BT. Tree too scrubby for other marks

A juniper, 14 ins. diam., bears N.  $21^{\circ}$  W., 48 lks. dist., marked T29S R20E S24 BT.

Land, broken by ledges, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow too, sage, and blackbrush.

Timber, scattered juniper and pinon.

Fair grazing.

North, bet. secs. 19 and 24.

Over broken top of Hatch Point through scattered undergrowth and timber.

- 27.00 Top of sandstone rimrock, 6 ft. high, bears NE. and SW.
- 33.20 Top of gradual descent over N. slope, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|      |     |
|------|-----|
| S24  | S19 |
| 1926 |     |

From which,

A pinon, 8 ins. diam., bears S.  $57^{\circ}15'$  E., 24 lks.

dist., marked  $\frac{1}{4}$  S19 BT.

A juniper, 6 ins. diam., bears N. 7°15' W., 32 lks.  
dist., marked S24 BT.

50.80 Leave timber, bears E. and W.

65.80 Top of low spur, projects NE.; enter timber, bears NE.  
and SW.

80.00 Set an iron post, 7 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 13, 18, 19 and 24, with brass  
cap marked.

| T29S |      |
|------|------|
| R20E | R21E |
| S13  | S18  |
| S24  | S19  |

1926

From which,

A juniper, 3 ins. diam., bears N. 79° E., 154 lks.  
dist., marked BT.

A juniper, 3 ins. diam., bears S. 65° E., 110 lks.  
dist., marked BT.

A juniper, 14 ins. diam., bears S. 55°45' W., 221 lks.  
dist., marked T29S R20E S24 BT.

No suitable NW. bearing tree available.

Land, broken top of mesa with a general southwesterly  
and northeasterly exposure and drainage.

Soil, shallow, loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

North, bet. secs. 13 and 18.

Over broken top of Hatch Point through scattered  
undergrowth and timber.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 7 ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for 1/4 sec. cor., with brass cap marked.

S18 S18

8391

## INDEPENDENT RESURVEY EAST BOUNDARY

Chains

S13

S18

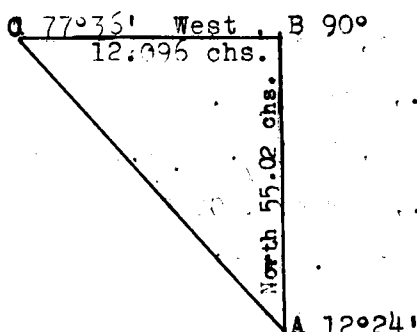
1926

From which,

A pinon, 10 ins. diam., bears N.  $78^{\circ}$  E., 77 lks.dist., marked  $\frac{1}{4}$  S18 BT.A pinon, 6 ins. diam., bears S.  $42^{\circ}$  W., 30 lks.dist., marked  $\frac{1}{4}$  S13 BT.

40.20 Top of NW. breaks of Hatch Point, bears NE. and SW.

42.40 High vertical ledges make chaining to the N. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line N. From flag "B", measure base line "BC", West, 12.096 chs. dist., from which point, flags "AB" subtend an angle of  $77^{\circ}36'$ . Vertical angle "A" to "B" is minus  $21^{\circ}30'$ .



Distance by triangulation

55.02 chs.

Distance on line

42.40 chs.

97.42 chs.

Distance by return measurement

13.68 chs.

83.74 chs.

80.00 True point for the cor. secs. 7, 12, 13 and 18, falls on inaccessible face of ledge where it is impracticable to set cor.

83.74 On broken N. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for witness cor. to the cor. secs. 7, 12, 13 and 18, with brass cap marked.

T29S

R20E R21E

S12 S7

S13 S18

WC

1926

INDEPENDENT RESURVEY OF EAST BOUNDARY, T. 29 S., R. 20 E.

Deposit a sandstone, 5 x 4 x 4 ins., at base of post,  
marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges, with a general northwesterly  
exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

North, bet. secs. 7 and 12, counting distance from the  
true point for the cor. secs. 7, 12, 13 and 15.

Descend abruptly over broken NW. slope of Hatch Point,  
through scattered undergrowth and timber.

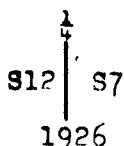
3.74 The witness cor. to the cor. secs. 7, 12, 13 and 15.

17.42 To point "B" of triangulation as shown on line et. secs.  
13 and 15, 1450 ft. below top of Hatch Point; thence  
over broken bench land known as Lockhart Basin, bears  
NW. and SE.

26.50 Wash, 12 lks. wide, 3 ft. deep, drains NE.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for 1/4 sec. cor., with brass cap marked.



Deposit a sandstone, 4 x 4 x 4 ins., at base of post,  
marked with a cross (X).

No other suitable accessories available.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in  
the ground to bedrock and 10 ins. in a mound of stone,  
for cor. secs. 1, 6, 7 and 12, with brass cap marked.



INDEPENDENT RESURVEY OF EAST BOUNDARY, T. 29 N. R. 21 E.

Chains

T29S

R20E, R21E

S1

S6

S12

S7

1926

Deposit a sandstone, 6 x 4 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

North, bet. secs. 1 and 6.

Over broken bottom of Lockhart Basin, through scattered undergrowth.

10.30 Wash, 15 lks. wide, 3 ft. deep, drains NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

†  
S1 | S6

1926

Deposit a sandstone, 5 x 4 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

51.50 Small draw, drains NE.

80.00 In broken bottom of Lockhart Basin.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground for cor. Ts. 28 and 29 S., Rs. 20 and 21 E., with brass cap marked.

INDEPENDENT RESURVEY EAST BOUNDARY, T. 29 S., R. 20 E.

1926  
R20E R21E  
S36 S31  
S1 S6  
T29S

1926

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

INDEPENDENT RESURVEY NORTH BOUNDARY, T. 29 S., R. 20 E.

SUPERSEDING SURVEY EXECUTED BY E. BUEHNER, YEAR 1924.

Note: A diligent search was made for the original corner on this boundary but no trace of this survey was found.

Random line.

From the cor. Ts. 28 and 29 S., Rs. 19 and 20 E., heretofore described.

East, along the N. bdy. T. 29 S., R. 20 E. for alignment only and fall 14 lks. N. of the cor. Ts. 28 and 29 S., Rs. 20 and 21 E., heretofore described. The course of this bdy. counting from the cor. Ts. 28 and 29 S., Rs. 20 and 21 E., therefore is N. 89°59' W.

True Lines.

From the cor. Ts. 28 and 29 S., Rs. 20 and 21 E.

N. 89°59' W., bet. secs. 1 and 36, along the N. bdy. of the township on an independent resurvey line.

Over broken bottom of Lockhart Basin through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the

# INDEPENDENT RESURVEY NORTH BOUNDARY, T. 29 S., R. 20 E.

Chains

aligned

ground to bedrock and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S36}{S1}$$

1926

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

50.00 Drainage changes from the NW. to the NE.

30.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 2, 35 and 36, with brass cap marked.

|      |      |
|------|------|
| T28S | R20E |
| S35  | S36  |

|      |    |
|------|----|
| S2   | S1 |
| T29S |    |

1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, broken, with a general northwesterly and northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

N. 89°59' W., bet. secs. 2 and 35.

Over broken bottom of Lockhart Basin through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and 15 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S35}{S2}$$

1926

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

10 11 12

distance by triangulation

33.26 To point "B" of triangulation at top of sandstone spur,  
200 ft. above base, projects NW.; thence over broken  
NE. slope of basin.

40.00 On surface rock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
sound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} 834 \\ + \\ 83 \\ \hline \end{array}$$

1926

No other suitable accessories available.

46.10 Wagon road, bears NE. to Lockhart and SW. to Indian Creek.

50.00 On surface rock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a  
sound of stone, for cor. secs. 3, 4, 33 and 34, with brass  
cap marked.

|      |      |
|------|------|
| T255 | R208 |
| 833  | 834  |
| 84   | 83   |
| T298 |      |

1926

No other suitable accessories available.

Land, broken, with a general northeasterly exposure and  
drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

No timber.

Fair grazing.

N. 69°59' W., bet. secs. 4 and 33.

Ascend gradually over broken land through scattered  
undergrowth.

5.50 Ridge, 30 ft. above cor., bears N. and S.; descend  
gradual NW. slope.

26.60 Top of E. rim of Horse Thief Canyon, bears N. and S.

38.00 Wash, 30 lbs. wide, 1 ft. deep, in bottom of Horse Thief  
Canyon, 20 ft. below ridge, drains NW.; ascend broken

INDEPENDENT RESURVEY NORTH BOUNDARY, T. 29 S., R. 20 E.

Chains

57.00 Top of W. rim of Horse Thief Canyon, 130 ft. above bottom of canyon, bears NW. and SE.; thence over broken bench land.

79.90 Top of low ridge, bears NE. and SW.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 4, 5, 32 and 33, with brass cap marked.

|      |      |
|------|------|
| T283 | R20E |
| S32  | S33  |

|      |    |
|------|----|
| 85   | 84 |
| T29S |    |

1926

No other suitable accessories available.

Land, broken, with a general easterly and westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

N. 89°59' W., bet. secs. 5 and 32.

Over broken land through scattered undergrowth.

22.60 Small draw, drains NW., 160 ft. below cor.

35.30 Ridge, 80 ft. above draw, bears NW. and SE. Erect flag for triangulation.

40.00 On surfacerock, 70 ft. below ridge, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 4, 5, 32 and 33, with brass cap marked.

|     |
|-----|
| 839 |
| 85  |

1926

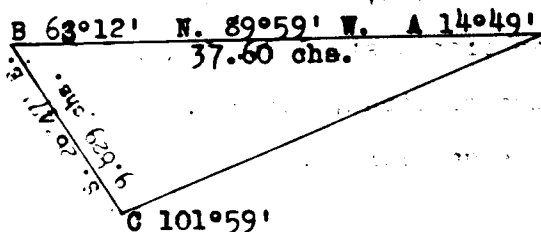
No other suitable accessories available.

# INDEPENDENT RESURVEY NORTH BOUNDARY, T. 22 S., R. 20 E.

CHAINS

00.00

Broken inaccessible ledges make chaining to the W. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at the 35.30 chs. point and flag "B" on line to the W. From flag "B", measure base line "BC", S.  $26^{\circ}47'$  E., 9.529 chs. dist., from which point, flag "AB" subtend an angle of  $101^{\circ}59'$ .



Distance on line  
Distance by triangulation

35.30 chs.  
37.60 chs.  
72.90 chs.

- 41.50 Approximate distance; small draw, drains NW.
- 72.90 To point "B" of triangulation at top of low ridge, 50 ft. above the  $\frac{1}{4}$  sec. cor., bears NW. and SE.; thence by chaining, descend abrupt SW. slope.
- 80.00 On surfacerock, 100 ft. below top of ridge, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 5, 6, 31 and 32, with brass cap marked.

|      |      |
|------|------|
| T258 | R20E |
| 831  | 832  |
| 86   | 85   |
| T298 |      |

1926

No other suitable accessories available.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadeless, mountain bush, yellow top, sage, and black brush.

No timber.

Fair grazing.

Chains

N. 89°59' W., bett sec. 6 and 31.

Over broken land through scattered undergrowth.

9.40 The N. point of spar, 30 ft. high.

13.00 Wash, 12 lks. wide, 2 ft. deep, drains NW.

21.00 Wash, 10 lks. wide, 2 ft. deep, drains SW.

35.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.00 Set an iron post 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

observed left to sec. 31 and to sec. 31

78 lks. W. at sec. 31 and to sec. 31

where head of stream is 1926

too the Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

48.17 Top of the E. break of the Colorado River, bears N.

and S. over which I am unable to chain, I therefore

triangulate as follows. Erect flags "A", "B", and "C"

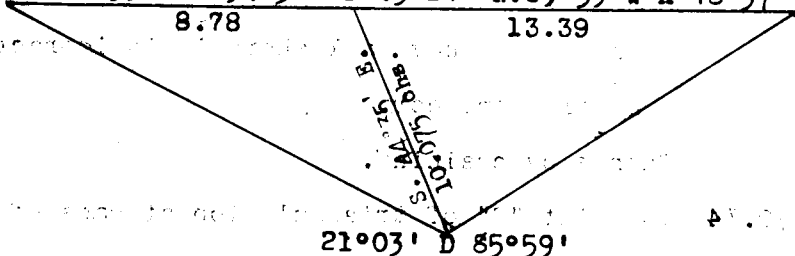
on line to the W. From flag "B", measure base line

"BB", S. 44°35' E., 10.075 chs. dist., from which

point, flags "AB" subtend an angle of 85°59', and

flags "BC", subtend an angle of 21°03'.

0-24°21' N. 89°59' W. 134°36' B 45°24' N. 89°59' W A 48°37'



Distance on line

Distance by triangulation "A" to "B" 48.17 chs.

Distance by return measurement 61.56 chs.

Distance by return measurement 55.99 chs.

Distance on line to "B" 61.56 chs.

Distance by triangulation "B" to "C" 8.78 chs.

Distance by return measurement 70.34 chs.

Distance by return measurement .13 chs.

70.21 chs.

55.99 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the meander cor. sec. 6 and 31, with brass cap marked.



Chains

~~T288  
S31  
WMC  
S6  
T298  
1927~~

Deposit a sandstone, 10.16 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Thence by chaining.

56.52 The mean high water mark of the left bank of the Colorado River, 300 ft. below top of E. breaks, bears NW. and SE. True point for the meander cor. falls on loose sandy bank where it is impracticable to set a permanent cor. Dense undergrowth of iron brush along bank of river. Continue by chaining across sand bar in river channel.

61.56 To point "B" of triangulation; thence across river by triangulation which at this point is stream of muddy water, 8.44 chs. wide, and about 4 ft. deep, which flows in a southeasterly direction.

70.21 The mean high water mark of the right bank of the Colorado river, bears NW. and SE. Point for the meander cor. falls on loose sandy bank where it is impracticable to set a permanent cor.

Thence by chaining.

70.34 To point "C" of triangulation at base of sloping ledge, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for witness cor. to the meander cor. secs. 6 and 31, with brass cap marked.

~~T288  
S31  
R20E  
WMC  
S6  
T298  
1927~~

From which,

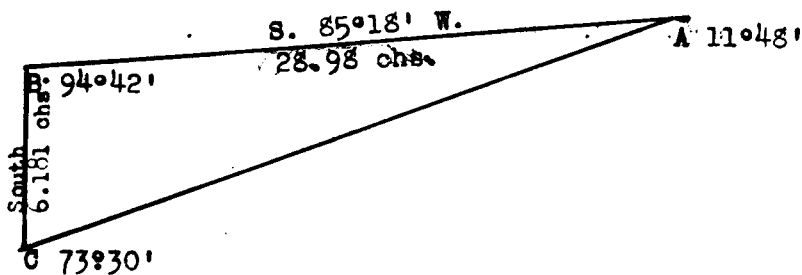
A point on ledge, marked X B0 S6, bears South, 9 lks. dist.

INDEPENDENT RESURVEY NORTH BOUNDARY. T. 29 S., R. 20 E.

Chains

A point on ledge, marked X, bears West, 9 lks. dist.  
No other suitable accessories available.

The line to the W. of this cor., passes over an inaccessible ledge, 460 ft. high, bears NW. and SE., over which I am unable to chain or project my line, I therefore return to the 48.17 chs. point and proceed as follows. As high point on ledge makes it impossible to project my line W. from this point, I erect flag "A" at point and flag "B" at a point, S.  $85^{\circ}18'$  W. from flag "A". From flag "B", measure base line "BC", South, 6.181 chs. dist., from which point, flags "AB" subtends an angle of  $73^{\circ}30'$ .



Distance on line

Distance by triangulation 28.98 or westing

48.17 chs.  
28.88 chs.  
77.05 chs.

77.05 To point "B" of triangulation at top of inaccessible ledge, at a point 2.38 chs. S. of true line. As a high ledge makes it impracticable to return to true line at this point, I run on offset as follows.

N.  $89^{\circ}59'$  W., 2.92 chs. dist.

North, 2.38 chs. dist. to:

79.97 The cor. Ts. 28 and 29 S., Rs. 19 and 20 E., heretofore described.

Land, the broken E. and W. breaks of the Colorado River. Soil, shallow, loose, sand, clay, and rock; 3rd rate. Undergrowth, scattered shadescale, mountain rush, yellow top, sage, and black brush. Dense iron brush along left bank of the Colorado River.

No timber.

Fair grazing.

Chains

SUBDIVISION, T. 29 S., R. 20 E.

From the cor. secs. 35 and 36, on the S. side of the township, heretofore described, to the N. 0°01' W., bet. secs. 35 and 36. Over broken land through scattered undergrowth and timber.

- 7.30 Draw, 30 ft. deep, drains NW.
  - 11.80 Spur, 50 ft. above draw, projects W.
  - 25.60 Draw, 30 ft. below spur, drains SW.
  - 40.00 On gradual SE. slope.
- Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|      |     |
|------|-----|
| S35  | S36 |
| 1927 |     |

From which,

A juniper, 5 ins. diam., bears S. 75°30' E., 110 lks. dist., marked  $\frac{1}{4}$  S36 BT.

A juniper, 3 ins. diam., bears N. 41°45' W., 144 lks. dist., marked BT.

- 48.90 Spur, 50 ft. above draw, projects SW.
  - 50.80 Road, bears NW. to Lockhart and SE. to Indian Creek.
  - 60.90 Draw, 60 ft. below spur, drains SW., 5.00 chs. dist., thence W.
  - 80.00 On low rim, 80 ft. above draw, bears NE. and SW.
- Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S26  | S25  |
| S35  | S36  |
| 1927 |      |

From which,

A juniper, 3 ins. diam., bears N. 60°30' E., 335 lks. dist., marked BT.

0178

1011

1992

Soil, shallow loose, sand, clay, and pebbles.

volley, soft, shallow, ledge, sand, peckery, sand, rock; 3rd rate.

Undergrowth, scattered shade-tolerant mountain rush, yellow

top, sage, and black brush. beretissos .rednIT

Timber, scattered juniper. . . . .

Fair grazing.

W. J. ... ..

East, on random line bet. secs. 25 and 36, rd. 1500

40.00 Set temp.  $\frac{1}{4}$  sec. cor. #2 angle 5, cent. 10.00, 30.00 00.14

80.10 Intersect the E. bdy. of the township, 71 kts. N. of the  
cor. sec. 25, 30, 31 and 36, heretofore described.

Thence, west of I, and 10° E, Jacobson at 10°

bed is on  $89^{\circ}57'$  N., on true line bet. secs. 25 and 36.

Over broken land through scattered undergrowth and timber.

12.20 Red spur, 40 ft. above cor., projects S.

16.20 Wash, 80 lks. wide, 15 ft. deep, drains S.

22.80 Wash, 30 lks. wide, 10 ft. deep, drains S. 75° W.

30.00 Wash 50 yds. wide, 20 ft. deep, drains SW. 30.00

40.05 On W. slope, 150 ft. below spur. W. base. 1000

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the

ground, to bedrock and 12 ins. in a mound of stone..

for 1 sec. cor., with brass cap marked.

6 of 10 . . . . .

100-836, Serial 2, dated 10/25/54, with

1927 EXTENSION NO 22470

Deposit a sandstone, 5 or 4 x 4 ins., at base of post.

marked with a cross (X).

No other suitable accessories available.

59.40 Small wash, drains SW., 3.00 chs. dist. to junction with

drain draining S. 30° W.

61.40 Draw, 60 ft. below the 1 sec. cor., drains S. 30° W.

80.10 The cor. secs. 25, 26, 35 and 36, 50 ft. above draw.

Soil, shallow, loose, sand, clay, and rock: 4th str.

Undergrowth, scattered shade trees, mountain wash, yellow

Top. case, and black, brown, white

Chains

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered juniper.

Fair grazing.

N. 0°01' W., bet. secs. 25 and 26.

Over broken land through scattered undergrowth.

31.00 Draw, 30 ft. deep, drains SW.

37.50 Small draw, drains W.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

826 | 825

1927

No other suitable accessories available.

45.00 Base of abrupt ascent over broken SW. break of Hatch.

Point, bears NW. and SE.

78.00 Small draw, drains W.

80.00 On surfacerock, 610 ft. above base of breaks, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 23, 24, 25 and 36, with brass cap marked.

T29S | R20E  
823 | 824

826 | 825

1927

No other suitable accessories available.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 4th rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Chains

On W. corner of N. 1/2 sec. 24, No timber.

Set iron post 1/2 sec. cor. Fair grazing.

To extend NW 1/4 of sec. 24 to NW 1/4 of sec. 25.

S. 89°57' E., on random line bet. secs. 24 and 25.

The inaccessible SW. breaks of Hatch Point make chaining impracticable to the E. of the cor. secs. 23, 24, 25

and 26, I therefore triangulate as follows. Erect flag

"A" at the sec. cor. and flag "B" on line to the E.

From flag "A", measure base line "AC", S. 0°03' W.,

15.49 chs. dist., from which point, flags "AB" subtend an angle of 26°46'.

A 90° S. 89°57' E. B 63°14'

7.81 chs.

15.49 chs.

C 26°46'

7.81 To point "B" of triangulation; thence by chaining.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect the E. bdy. of the township, 21 lks. S. of the cor. secs. 19, 24, 25 and 30, heretofore described

Thence,

S. 89°54' W., on true line bet. secs. 24 and 25.

Over broken top of Hatch Point through scattered timber and undergrowth.

24.30 Low ridge, bears N. 20° W. and S. 20° E.

40.07 On gradual SW. slope in dense timber.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.

324

325

1927

From which,

A pinon, 14 ins. diam., bears S. 84°15' W., 76 lks.

dist., marked 1/2 325 BT.

000100

80.14 To point "A" of triangulation at the cor. secs. 23, 24,  
25 and 26, 560 ft. below top of breaks.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

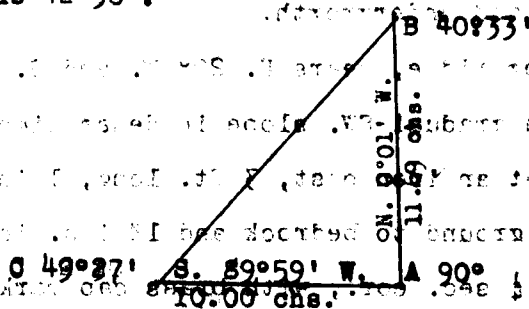
Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 23 and 24.

The line to the N. of the cor., secs. 23, 24, 25 and 26, passes over the inaccessible SW. breaks of Hatch Point, through scattered undergrowth and dense timber, I therefore triangulate to top of breaks as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the N. From flag "A", measure base line "AC", S.  $89^{\circ}59'$  W., 10.00 chs. dist. from which point, flags "AB" subtend an angle of  $49^{\circ}27'$ . Vertical angle "A" to "B" is plus  $42^{\circ}30'$ .



Distance by triangulation <sup>152</sup> 11.69 chs.

11.69 To point "B" of triangulation, at top of SW. break of Hatch Point, 730 ft. above cor., bears E. and W.; thence over broken top of Hatch Point.

A pinon, 14 ins. diam., bears 8. 2-12, W., 76 lbs.

..teth , ..dortse 4 252 TE

40.00 ~~gradual S. slope.~~  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
 ground for sec. cor. with brass cap marked.

S23 S24

1927

From which,

A juniper, 15 ins. diam., bears N.  $54^{\circ}15'$  E., 147 lks.

dist., marked  $\frac{1}{2}$  S24 BT.

A juniper, 15 ins. diam., bears S.  $52^{\circ}15'$  W., 154 lks.

dist., marked  $\frac{1}{2}$  S23 BT.

41.50 Low ridge, bears E. and W.; descend gradual NE. slope.

61.00 Small draw, drains NE.; ascend gradual SE. slope.

68.80 Slope changes from SE. to E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the  
 ground to bedrock and 26 ins. in a mound of stone, for  
 cor. sec. 13, 14, 23 and 24, with brass cap marked.

T29S R20E  
 S14 S13

S23 S24

1927

From which,

A pinon, 6 ins. diam., bears N.  $70^{\circ}30'$  E., 34 lks.

dist., marked T29S R20E S13 BT.

A juniper, 8 ins. diam., bears S.  $32^{\circ}45'$  E., 64 lks.

dist., marked BT. Tree too scrubby for other marks.

A juniper, 20 ins. diam., bears S.  $26^{\circ}15'$  W., 97 lks.

dist., marked BT. Tree too scrubby for other marks.

A juniper, 10 ins. diam., bears N.  $35^{\circ}15'$  W., 93 lks.

dist., marked T29S R20E S14 BT.

Land, broken, with a general northeasterly and southwesterly  
 exposure and drainage.

Soil, shallow, loose, sand, clay, and rock. 4th rate.

Undergrowth, scattered shadeless, mountain rush, yellow

netop, sage, and black brush.

Timber, dense, juniper, and pine.

Fair grazing.



## SUBDIVISION, T. 29 S., R. 20 E.

| Chains. |   |
|---------|---|
|         | N. $89^{\circ}54'$ E., on random line bet. secs. 13 and 24.   |
| 40.00   | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.30   | Intersect the E. bdy. of the township, 3 lks. N. of the cor. secs. 13, 18, 19 and 24, heretofore described.           |
|         | Thence,   |
|         | S. $89^{\circ}55'$ W., on true line bet. secs. 13 and 24.   |
|         | Over broken top of Hatch Point, through scattered undergrowth and timber.   |
| 40.15   | Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked. |
|         | $\begin{array}{r} S13 \\ \frac{1}{4} \\ \hline S24 \\ 1927 \end{array}$   |
|         | From which,   |
|         | A juniper, 8 ins. diam.; bears S. $51^{\circ}$ W., 208 lks. dist., marked $\frac{1}{4}$ S24 BT.                       |
|         | A juniper, 6 ins. diam., bears N. $60^{\circ}30'$ W., 372 lks. dist., marked $\frac{1}{4}$ S13 BT.                    |
| 60.00   | Small draw, drains N. $30^{\circ}$ E. Enter dense timber, bears E. and S.   |
| 80.30   | The cor. secs. 13, 14, 23 and 24.   |
|         | Land, broken, with a general northeasterly exposure and drainage.   |
|         | Soil, shallow, loose, sand, clay, and rock; 3rd rate.   |
|         | Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.                                   |
|         | Timber, scattered and dense juniper and pinon.  |
|         | Fair grazing.   |
|         | <del>-----</del>  |
|         | N. $0^{\circ}01'$ W., bet. secs. 13 and 14.   |
|         | Ascend gradually along broken E. slope of top of Hatch Point through dense timber and scattered undergrowth.          |
| 20.70   | Top of gradual ascent, thence descend gradual NE. slope, timber becomes scattered, bears E. and W.                    |
| 40.00   | Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in   |

1927

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 11, 12, 13 and 14, with brass cap marked.

Wolley (Ment nfeafnon, alsoobnd boret:bor, ntwotwobn)

814 813

32.00 1927

From which,

A pinon, 5 ins. diam., bears N.  $41^{\circ}30'$  E., 118 lks.

dist., marked BT.

To .3 A juniper, 3 ins. diam., bears S.  $48^{\circ}$  W., 102 lks.

dist., marked BT.

No larger bearing trees available.

46.50 Small draw, drains NE.

57.00 Low spur, projects NE.

67.50 Small draw, drains NE.; thence ascend gradual SE. slope.

71.00 Sandstone rimrock, 10 ft. high, bears N.  $60^{\circ}$  E. and

S.  $60^{\circ}$  W.

75.50 Descend gradual NW. slope.

80.00 In small draw, drains NE., mark a cross (X) on the

surfacerock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 11, 12, 13 and 14, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S11  | S12  |
| S14  | S13  |

1927

From which,

A pinon, 6 ins. diam., bears N.  $54^{\circ}45'$  E., 41 lks.

dist., marked T29S R20E S12 BT.

A juniper, 3 ins. diam., bears S.  $39^{\circ}$  E., 22 lks.

dist., marked BT.

A pinon, 3 ins. diam., bears S.  $60^{\circ}15'$  W., 40 lks.

dist., marked BT.

A pinon, 6 ins. diam., bears N.  $7^{\circ}15'$  W., 109 lks.

dist., marked T29S R20E S11 BT.

Land, broken and rolling top of Hatch Point, with a general northeasterly exposure and drainage.

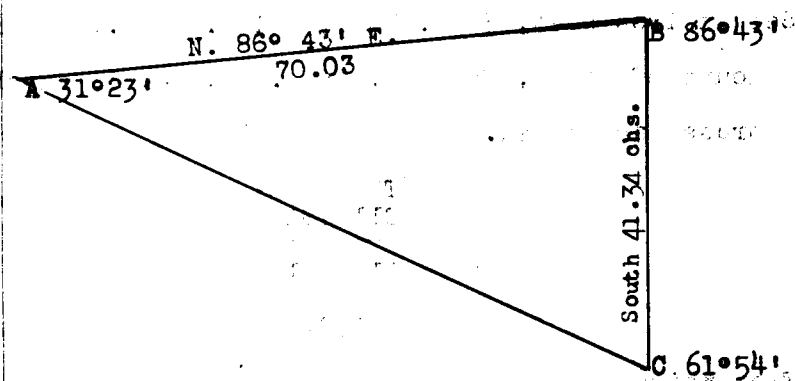
## SUBDIVISION, T. 29 S., R. 20 E.

## Chains

Soil, shallow, loose, sand, clay, and rock, 2d rate.  
 Undergrowth, scattered shadscale, mountain rush, yellow  
 top, sage, and black brush.  
 Timber, dense juniper and pinon.  
 Fair grazing.

N.  $89^{\circ}55'$  E., on random line bet. secs. 12 and 13.

- 10.42 The NE. breaks of Hatch Point make chaining to the E. of  
 this point impracticable, I therefore determine the  
 distance to the true point for the cor. secs. 7, 12,  
 13, and 18, on the E. bdy. of the township as follows.  
 Erect flag "A" at the 10.42 chs. point, flag "B" at the  
 witness cor. secs. 7, 12, 13 and 18, which is N.  $3^{\circ}74'$   
 chs. dist. from the true point for said cor. and flag  
 "C" at a point, South, 41.34 chs. dist. from the  
 witness cor. From "A", flag "B", bears N.  $86^{\circ}43'$  E.,  
 and flags "BC", subtend an angle of  $31^{\circ}23'$ . Vertical  
 angle "A" to "B" is minus  $14^{\circ}30'$ .



Distance on line 10.42 chs.  
 Distance by triangulation 70.03 chs.  
 or easting 69.92 chs. and northing of  
 4.01 chs.

Distance by return measurement

69.92 chs.  
 80.34 chs.  
 40.17 chs.  
 40.17 chs.

The course of the line bet. secs. 12 and 13, therefore  
 is S.  $89^{\circ}48'$  W., and the distance is 80.34 chs.

Thence,

From the true point for the cor. secs. 7, 12, 13 and 18,  
 on the E. bdy. of the township, which is S.  $3^{\circ}74'$  chs.  
 dist. from the witness cor. to said secs.

S. 89°45' W., on true line bet. secs. 12 and 13.  
 Ascend abruptly over broken NE. slope of Hatch Point  
 through scattered undergrowth and timber.

32.00 Rocky draw, drains NE.; continue abrupt ascent.

40.17 On broken NE. slope of surfacerock, mark a cross (X),  
 over which.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
 mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S12  
 $\frac{1}{4}$   
 S13  
 1927

No other suitable accessories available.

Thence by triangulation over inaccessible ledges which  
 form the NE. breaks of Hatch Point.

69.92 To point "A" of triangulation at top of NE. breaks of  
 Hatch Point, bears N. 15° W. and S. 15° E., 1200 ft.  
 above true point for the cor. secs. 7, 12, 13, and 18;  
 thence over broken top of Hatch Point.

80.34 The cor. secs. 11, 12, 13, and 14.

Land, broken by ledges, with a general northeasterly  
 exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
 top, sage, and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 11 and 12.

Descend gradually over broken NE. slope of top of Hatch  
 Point, through scattered undergrowth and timber.

20.50 Draw, drains NE.; continue gradual descent.

29.70 Top of high vertical ledge which forms the top of the  
 NE. breaks of Hatch Point, bears N. 10° W. and S. 10° E.  
 the true point for the  $\frac{1}{4}$  sec. cor. falls on inaccessible  
 ledge where it is impracticable to reach cor. point,

## SUBDIVISION, T. 29 S., R. 20 E.

B11111111

Chains

therefore at this point, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. as with brass cap marked.

1  
WC  
S11 | S12

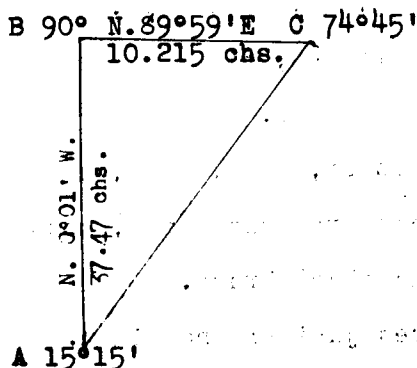
1927

From which,

A pinon, 3 ins. diam., bears S. 79° W., 110 lks. dist., marked BT.

No other suitable accessories available.

The line to the N. of this cor. passes over inaccessible ledges over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. 89°59' E., 10.215 chs. dist., from which point, flags "AB" subtend an angle of 74°45'



Distance on line  
Distance by triangulation

39.70 chs.  
37.47 chs.  
77.17 chs.

40.00 True point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible ledges.

77.17 To point "B" of triangulation; thence by chaining.

80.00 On broken NE. slope, 440 ft. below top of Hatch Point  
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for cor. secs. 2, 11 and 12, with brass cap marked.

## SUBDIVISION, T. 29 S., R. 20 E.

## Chains

|      |      |
|------|------|
| T29S | R20E |
| S2   | S1   |

|     |     |
|-----|-----|
| S11 | S12 |
|-----|-----|

1927

Deposit a gray limestone, 7 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

N. 89°48' E., on random line bet. secs. 1 and 12.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect the E. bdy. of the township, 23 lks. N. of the cor. secs. 1, 6, 7 and 12, heretofore described.

Thence,

S. 89°58' W., on true line bet. secs. 1 and 12.

Descend gradually over broken land through scattered undergrowth.

7.50 Draw, 20 ft. below cor., drains NW.

18.50 Draw, 40 ft. deep, drains N. 10° W.

34.70 Small draw, drains N.

40.03 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S1

 $\frac{1}{4}$ 

S12

1927

No other suitable accessories available.

57.80 Spur, 40 ft. high, projects NE.

61.80 Draw, drains NE.; ascend abrupt SE. slope.

80.06 The cor. secs. 1, 2, 11 and 12, 870 ft. above draw.

## SUBDIVISION, T. 29 S. R. 12 E. S. 12 E.

S1220

Chains

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 1 and 2, on random line.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.25 Intersect the N. bdy. of the township, 7 lks. W. of the cor. secs. 1, 2, 35 and 36, heretofore described.

Thence,

S. 0°02' W., on true line bet. secs. 1 and 2.

Over broken bottom of Lockhart Basin, through scattered undergrowth.

17.40 Draw, 40 ft. deep, drains NE.

38.20 Small spur, projects NW.

40.10 Small draw, drains N. 70° W.

40.25 On broken NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S2 | S1  
 1927

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

49.70 Low spur, projects W.

54.60 Small draw, drains W.; ascend abrupt NW. slope.

76.30 Spur, 460 ft. above draw, projects NE.; descend gradual SE. slope.

80.25 The cor. secs. 1, 2, 11, and 12, 30 ft. below spur.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow

top, sage, and black brush.

Chains

No timber.

Fair grazing.

From the cor. secs. 34 and 35, on the S. bdy. of the township; heretofore described.

N. 0°01' W., bet. Secs. 34 and 35.

Descend gradually over broken bench land through scattered undergrowth and timber.

5.30 Draw, 70 ft. below cor., drains SW.; ascend gradual SE. slope.

7.80 Base of abrupt ascent over ledges, bears NE. and SW.

12.70 Spur, 140 ft. above draw, projects SW.; descend abrupt NW. slope.

26.20 Draw, 110 ft. below spur, drains S. 20° W.; continue descent.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S34 | S35  
1927

From which,

A juniper, 10 ins. diam., bears N. 25° E., 176 lks. dist., marked  $\frac{1}{4}$  S35 BT.

A juniper, 18 ins. diam., bears N. 68° W., 110 lks. dist., marked  $\frac{1}{4}$  S34 BT.

42.10 Small draw, drains SW.

43.00 Base of abrupt ascent over ledges, bears E. and W.

46.30 Spur, 70 ft. high, projects SE.

80.00 At base of ledge, 40 ft. high, bears NW. and SE.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 26, 27, 34 and 35, with brass cap marked.



SUBDIVISION, T. 29 S., R. 20 E.

Chains

|      |      |
|------|------|
| T29S | R20E |
| S27  | S26  |
| S34  | S35  |
| 1927 |      |

From which,

A juniper, 6 ins. diam., bears S. 21° E., 71 lks.  
dist., marked T29S R20E S35 BT.

A juniper, 6 ins. diam., bears N. 12°30' W., 205 lks.  
dist., marked T29S R20E S27 BT.

No other suitable accessories available.

Land, broken, with a general southerly exposure and  
drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.  
Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

East, on random line bet. secs. 26 and 35.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect the N. and S. line, 5 lks. S. of the cor.  
secs. 25, 26, 35 and 36.

Thence,

S. 89°58' W., on true line bet. secs. 26 and 35.

Over broken bench land through scattered undergrowth  
and timber.

.80 Small spur, projects S.

23.00 Wash, 30 lks. wide, 5 ft. deep, drains S. 15° W.

30.90 Wash, 30 lks. wide, 5 ft. deep, drains S. 30° E.; ascend  
gradual SE. slope.

36.80 Spur, 50 ft. above wash at 30.90 chs. point, projects  
S. 10° W.; descend gradual SW. slope.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in  
the ground to bedrock and 20 ins. in a mound of stone,  
for  $\frac{1}{4}$  sec. cor., with brass cap marked.

Chain  
at Hatch Point over which is  
as follows:  
"B" well has been set at 1927  
from which  
A juniper, 10 ins. diam., bears S. 69°45' W., 375 lks.  
dist. marked  $\frac{1}{2}$  S35 BT.  
A juniper, 10 ins. diam., bears N. 80° W., 136 lks.  
dist., marked  $\frac{1}{2}$  S26 BT.

- 41.60 Well, 6 lks. wide, 1 ft. deep, drains S.  
54.50 Road, bears SE. to Indian Creek, and NW. to Lockhart.  
68.00 Small draw, drains SW.  
80.08 The cor. secs. 26, 27, 34 and 35.  
Land, broken, with a general southwesterly exposure and  
drainage.  
Soil, shallow, loose, sand, clay, and rock; 3rd rate.  
Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.  
Timber, scattered juniper and pinon.  
Fair grazing.

N. 0°01' W., bet. secs. 26 and 27.

Ascend gradually over broken land through scattered  
undergrowth and timber.

- 18.30 Road, bears NW. to Lockhart and SE. to Indian Creek.  
31.50 Leave timber, bears E. and W.  
40.00 At base of SW. breaks of Hatch Point, bears NW. and SE.  
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
ground to bedrock and 22 ins. in a mound of stone, for  
 $\frac{1}{2}$  sec. cor., with brass cap marked.

S27 S26

1927  
Deposit a sandstone, 6 x 5 x 4 ins., at base of post,  
marked with a cross (X).

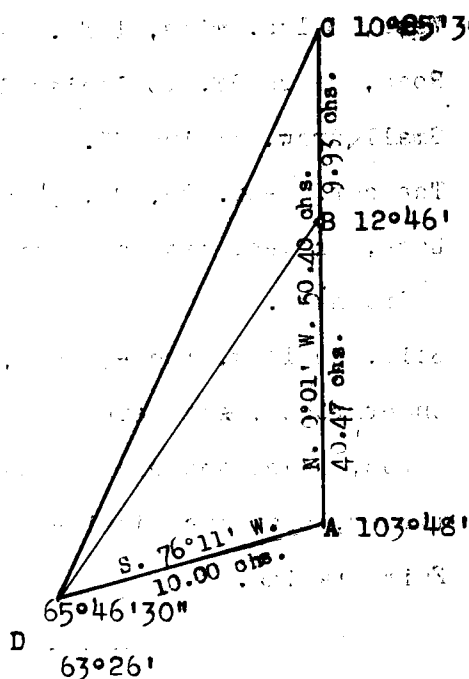
The line to the N. of this post passes over the

**SUBDIVISION, T. 29 S., R. 20 E.**  
 CS. S. E. T. HOIIVIGSUS

Chains

Said 0

inaccessible SW. breaks of Hatch Point over which it is impracticable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flags "B" and "C" on line to the N. From flag "A", measure base line, "AD", S.  $76^{\circ}11'$  W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of  $63^{\circ}26'$ , and flags "AC" subtend an angle of  $65^{\circ}46'30''$ . Vertical angle "A" to "B" and "B" to "C" is plus  $14^{\circ}$ .



|                                      |            |
|--------------------------------------|------------|
| Distance on line                     | 40.00 chs. |
| Distance by triangulation "A" to "B" | 40.47 chs. |
| Distance by return measurement       | 47 chs.    |
| Distance by triangulation "A" to "C" | 50.40 chs. |

80.00 equals 80.00

80.00 On surfacerock, 670 ft. above the  $\frac{1}{4}$  sec. cor., mark a cross (X), over which:  
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 22, 23, 26 and 27, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S22  | S23  |
| S27  | S26  |

1928

No other suitable accessories available.

Land, broken by ledges with a general southwesterly exposure and drainage (X) sector and dslw basin

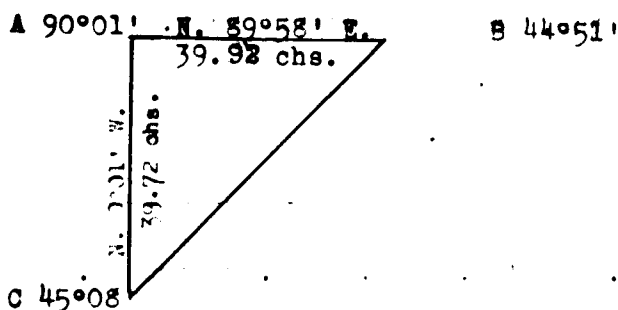
Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Chains

Undergrowth, scattered shadscale, mountain rush, yellow top sage, and black brush.  
Timber, scattered juniper and pinon on S. portion of mile.  
Fair grazing.

N. 89°56' E., on random line bet. secs. 23 and 26.

The line to the E. of the cor. secs. 22, 23, 26 and 27, passes over the inaccessible S. breaks of Hatch Point, over which I am unable to chain, I therefore triangulated as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the E. Erect flag "C" at a point, N. 0°01' W., 28 lks. dist. from the  $\frac{1}{4}$  sec. cor. secs. 26 and 27, from which point, flags "AB" subtend an angle of 45°08'.



Distance by triangulation 39.92 chs.

39.92 To point "B" of triangulation; thence by chaining.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect the N. and S. line, 23 lks. N. of the cor. secs. 23, 24, 25 and 26.

Thence,

N. 89°52' W., on true line bet. secs. 23 and 26.

Ascend gradually over abrupt, broken S. slope of S. breaks of Hatch Point, through scattered undergrowth.

29.20 The base of perpendicular ledge, 250 ft. high, bearing NW. and NE., bears N., 70 lks. dist. from line.

29.30 Top of ascent, 200 ft. above cor., bears N. and S.; thence descend gradual SW. slope.

39.96 On surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a

## SUBDIVISION, Twp 29 N., R. 20 E.

Chains

0123456789

mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

823

826

1927

No other suitable accessories available.

40.00 To point "B" of triangulation at top of gradual descent over inaccessible ledges which form the S. breaks of Hatch Point.

79.92 The cor. secs. 22, 23, 26 and 27 and point "A" of triangulation.

Land, broken by ledges, with a general southerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

N.  $0^{\circ}01'$  W., bet. secs. 22 and 23.

The line to the N. of the cor. secs. 22, 23, 26 and 27, passes over the inaccessible S. breaks of a high sandstone point, and through a scattered undergrowth. To determine the distance to top of breaks, I triangulate as follows: Erect flag "A" at the cor. secs. 22, 23, 26 and 27, flag "B" on line to the N. and flag "C" at a point N.  $89^{\circ}58'$  E., 39.84 chs. dist. from "A". From flag "C", flags "AB" subtend an angle of  $14^{\circ}37'$ .

B  $75^{\circ}24'$

A  $49^{\circ}59'$

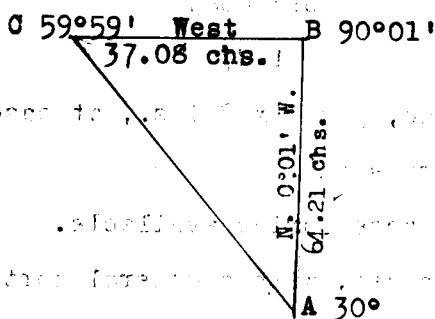
39.84 chs.

Distance by triangulation 10.32 chs.

10.32 To point "B" of triangulation at top of spur from Hatch Point, 350 ft. above cor., projects W.; thence by

chaining over broken top of spur. " " " " " "

15.44 Top of N. break of spur, bears E. and W. over which I am unable to chain; I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", West, 37.08 chs. dist. from which point, flags "AB" subtend an angle of  $59^{\circ}59'$ . Vertical angle "A" to "B" is minus  $14^{\circ}45'$ .



|                                |            |
|--------------------------------|------------|
| Distance on line               | 15.44 chs. |
| Distance by triangulation.     | 64.21 chs. |
|                                | <hr/>      |
| Distance by return measurement | 79.65 chs. |
|                                | <hr/>      |
|                                | 39.65 chs. |
|                                | <hr/>      |
|                                | 40.00 chs. |

40.00 On abrupt N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

822 | 823

1927

Deposit a sandstone, 10 x 7 x 3 ins., at base of post, marked with a cross "X".

No other suitable accessories available.

Thence by chaining; descend abrupt N. slope.

43.40 Small draw, drains NW.

46.00 Low spur, projects NW.

52.10 Small draw, drains W.

55.80 Small spur, projects S.  $80^{\circ}$  W.

60.00 Large draw, drains NW.

64.30 Low spur, projects W.

68.70 Draw, drains W.; thence ascend abrupt SW. slope.

## SUBDIVISION, T. 29 S., R. 20 E.

## Chains

79.65

To point "B" of triangulation.

80.00

On abrupt SW. slope, 280 ft. above draw, and 1130 ft. below top of spur from Hatch Point.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 14, 15, 22 and 23, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S15  | S14  |

|     |     |
|-----|-----|
| S22 | S23 |
|-----|-----|

1927

Deposit a sandstone, 5 x 4 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges, with a general northerly and southerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

S.  $89^{\circ}52'$  E., on random line bet. secs. 14 and 23.

The line to the E. of the cor. secs. 14, 15, 22 and 23, passes over the inaccessible W. breaks of Hatch Point over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the cor. sec. 14, 15, 22 and 23, flag "B" on line to the E. and flag "C" at a point, S.  $0^{\circ}01'$  E., 64.44 chs. dist. from the cor. secs. 14, 15, 22 and 23. From flag "B", flag "C" subtend an angle of  $71^{\circ}27'$ . Vertical angle from "A" to "B" is plus  $36^{\circ}00'$ .

A  $89^{\circ}51'$  S.  $89^{\circ}52'$  E. B  $71^{\circ}27'$  E. C  $18^{\circ}42'$

21.79 chs.

0.01' E. 64.44 chs.

00.00

00.30

00.50

01.50

02.50

03.50

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93.50

94.50

95.50

96.50

97.50

98.50

99.50

100.50

Chains

Distance by triangulation 21.79 chs.

21.79 To point "B" of triangulation; thence by chaining.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

50.00 Intersect the N. and S. line, 12 lks. N. of the cor.  
secs. 13, 14, 23 and 24.

Thence,

N.  $89^{\circ}47'$  W., on true line bet. secs. 14 and 23.

Over broken top of Hatch Point through dense timber and scattered undergrowth.

27.00 Low ridge, bears N.  $50^{\circ}$  W. and S.  $20^{\circ}$  E.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S14 \\ + \\ S23 \\ \hline \end{array}$$

1927

From which,

A pinon, 5 ins. diam., bears N.  $5^{\circ}$  E., 81 lks.  
dist., marked  $\frac{1}{4}$  S14 BT.

A pinon, 3 ins. diam., bears S.  $0^{\circ}30'$  W., 76 lks.  
dist., marked BT.

58.21 To point "B" of triangulation at top of W. breaks of Hatch Point, bears N. and S.  $40^{\circ}$  E.; thence by triangulation over perpendicular rim, 300 ft. high.

80.00 The cor. secs. 14, 15, 22 and 23 and point "A" of triangulation, 1060 ft. below top of Hatch Point.

Land, broken by ledges with a general easterly and westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, dense juniper and pinon.

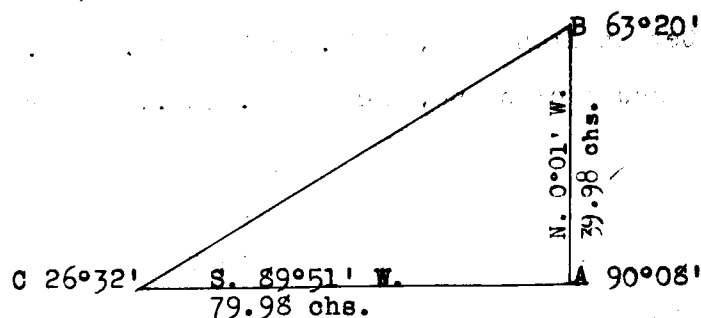
Fair grazing.



## SUBDIVISION, T. 20 S., R. 20 E.

Chains

N.  $0^{\circ}01'$  W., bet. secs. 14 and 15.  
 The line to the N. of the cor. secs. 14, 15, 22 and 23,  
 passes through scattered undergrowth and over the  
 broken talus W. slope of Hatch Point over which it  
 is impracticable to chain, I therefore triangulate as  
 follows. Erect flag "A" at the cor. secs. 14, 15,  
 22 and 23; flag "B" on line to the N., and flag "C",  
 at the cor. secs. 15, 16, 21 and 22, which is  
 S.  $89^{\circ}51'$  W., 79.98 chs. dist. from the cor. secs.  
 14, 15, 22 and 23. From flag "B", flags "AC" subtend  
 an angle of  $63^{\circ}20'$ . Vertical angle "A" to "B" is plus



Distance by triangulation 79.98 chs.

39.98 To point "B" of triangulation at top of spur, 130 ft.  
 above sec. cor., projects W.; thence by chaining.

40.00 On steep W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the  
 ground to bedrock and 14 ins. in a mound of stone, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked.

S15 S14

1927

Deposit a sandstone, 10 x 8 x 6 ins., at base of post,  
 marked with a cross (X).

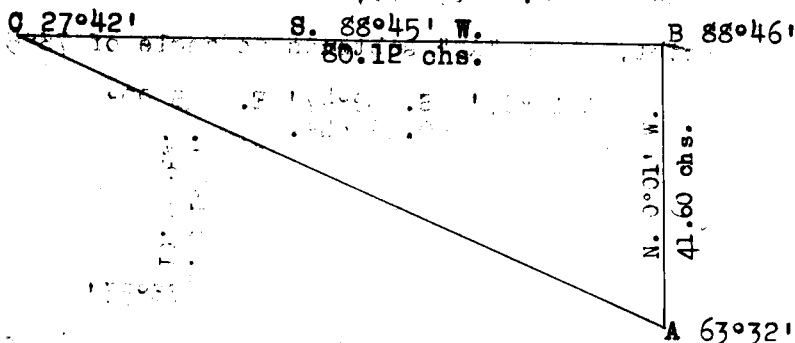
No other suitable accessories available.

The line to the N. of this cor., passes over the broken  
 W. breaks of Hatch Point over which it is impracticable  
 to chain, I therefore triangulate as follows. Erect  
 flag "A" at this point and flag "B" on line to the N.  
 Designate the cor. secs. 9, 10, 15, and 16, "C". From

# SUBDIVISION, T. 29 N., R. 20 E.

## Chains

Set flag "B", flag "C", bears S. 88°45' W., 80.12 chs. dist., and from "C", flags "AB" subtend an angle of 27°42'.



|                                |            |
|--------------------------------|------------|
| Distance on line               | 40.00 chs. |
| Distance by triangulation      | 41.60 chs. |
| Distance by return measurement | 81.60 chs. |
|                                | 1.60 chs.  |
|                                | 80.00 chs. |

80.00 In bottom of small draw, drains SW.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for cor. secs. 10, 11, 14, and 15, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S10  | S11  |
| S15  | S14  |

1927

Deposit a sandstone, 7 x 3 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges with a general westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

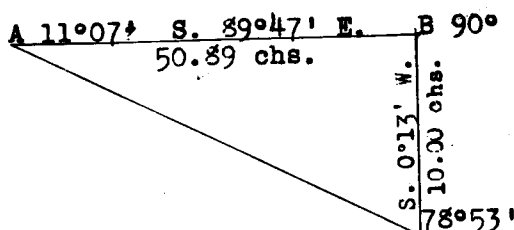
Fair grazing.

80 89°47' E., on random line bet. secs. 11 and 14.

The line to the E. of the cor. secs. 10, 11, 14 and 15, passes over the inaccessible W. breaks of Hatch Point,

Chains

over which it is impracticable to chain, I therefore triangulate as follows. Erect flag "A" at this point, and flag "B" on line to the E. From flag "B", measure base line S. 0°13' W., 10.00 chs. dist., from which point, flags "AB" subtends an angle of 78°53'.



Distance by triangulation 50.89 chs.  
Distance by return measurement 50.98 chs.  
49.91 chs.

- 49.91 Set temp. witness cor. to the  $\frac{1}{4}$  sec. cor.  
50.89 To point "B" of triangulation; thence by chaining.  
79.84 Intersect the N. and S. line, 26 lks. S. of the cor.  
secs. 11, 12, 13 and 14.

Thence,

N. 89°58' W., on true line bet. secs. 11 and 14.

Over broken top of Hatch Point through scattered timber and undergrowth.

- 7.00 Low spur, projects N.  
12.50 Draw, 60 ft. below spur, drains N. 20° E.  
24.00 Spur, 80 ft. above draw, projects N. 20° W.  
28.95 To point "B" of triangulation.  
29.93 On abrupt W. slope, at top of the W. breaks of Hatch Point, bears N. 20° W. and S. 20° E.  
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 11 and 14, with brass cap marked.

W  $\frac{1}{4}$  S11  
S14

1927

Deposit a sandstone, 10 x 8 x 4 ins., at base of post, marked with a cross (X), to the E. of said post.

No other suitable accessories available.

## SUBDIVISION T. 29. N. R. 30. E.

## Chains.

Thence by triangulation over inaccessible ledges.

39.82 The true point for  $\frac{1}{4}$  sec. cor. falls in inaccessible ledges.

79.84 The corner of secs. 10, 11, 14, and 15 and point "A" of a triangulation, 1340 ft. below top of Hatch Point.

Land, broken by ledges with a general westerly exposure and drainage.

Soil, shallow, loose sand, clay and rock; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

N.  $0^{\circ} 01'$  W. bet. secs. 10 and 11

Over broken W. slope, through scattered undergrowth.

1.60 To point of triangulation as shown on line bet. secs. 14 and 15.

6.80 Wash 100 lks. wide, 20 ft. deep, drains W.

16.80 Top of gradual descent over N. slope, bears E. and W.

29.70 Draw, 60 ft. below top of descent, drains W.

40.00 On broken SW. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S10 S11

1927

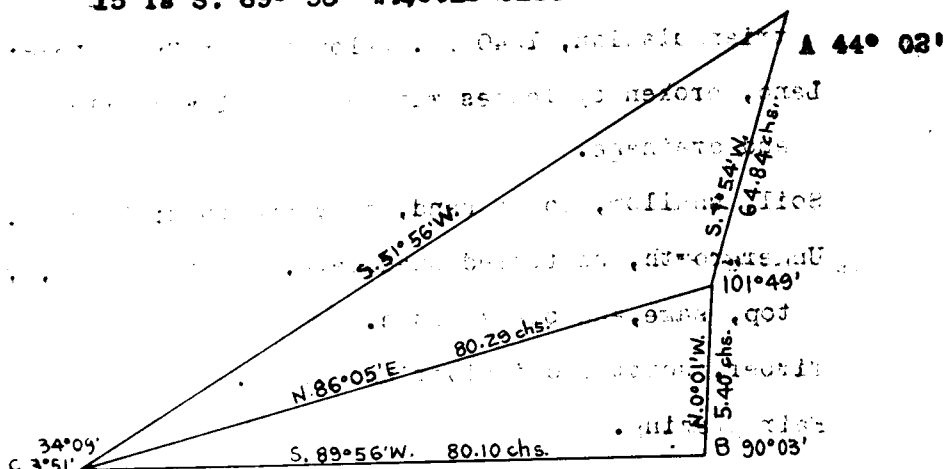
Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

40.40 Low spur, projects SW.

It being impossible to chain or project my line to the north of this point on true line, I proceed to a point to the north, which is to the east of true line, and erect flag which I designate as "A". From this point a flag left N.  $0^{\circ} 01'$  W. 5.40 chs. dist. from the cor. of secs. 10, 11, 14, and 15, which I designate as "B"

SUBDIVISION 1: 20 S. 1/4 SEC. 15 E.

Chains. bears S. 7° 54' W. and the cor. of secs. 10, 11, 15, and 18, which I designate as "C" bears S. 51° 56' W. The course and distance of the line between secs. 10 and 15 is S. 89° 56' W. 80.10 chs. as hereinafter shown.



Distance by triangulation 64.84 chs. or a northing of 64.22 chs., and an easting of 8.91 chs. Thence 64.22 chs. plus 5.40 chs. equals 69.62 chs.

69.62 To point 8.92 chs. dist. east of true line and point "A" of triangulation on top of narrow neck of high sandstone ridge from Hatch Point, bears NW. and SE. As it is impossible to return to true line from this point I proceed by offsets and traverse as follows: North 77 lks. to NE. rim of ridge, 400 ft. high, thence N. 0° 44' 39' W. 12.81 chs.; thence East 8 lks. and north 11 lks. to true line at

79.31 Point on true line. As the true point for corner of secs. 2, 3, 10 and 11 falls on perpendicular ledge on N. break of ridge, therefore at this point on N. rim of ledge Set an iron post 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, and 18 ins. in a mound of stone for witness cor. to corner of secs. 2, 3, 10, and 11, with brass cap marked

|          |          |
|----------|----------|
| T298     | R30E     |
| S 3 1/2' | S 3 1/2' |
| S10      | S11      |
| 1927     |          |

Deposit a sandstone 8 x 3 x 3 ins. at base of post

as witness I have, of sec. 11, of sec. 10

Chain

BRIS.RO

marked with <sup>SS</sup> cross (X).

No other suitable accessories available.

80.00

True point for the cor. secs. 2, 3, 10, and 11.

Land, broken by ledges, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

S. 89°58' E. on random line bet. secs. 2 and 11.

It being impossible to reach the true point for the

cor. secs. 2, 3, 10 and 11, which is N. 0°01' W., 39

lks. dist. from the witness cor. to said secs. I commence

at the witness cor. and run on offset as follows.

S. 89°58' E., 5.68 chs.

N. 0°01' W., 39 lks. dist. to random line; thence

S. 89°58' E. on random line.

39.07

Set temp. witness cor. to the  $\frac{1}{4}$  sec. cor.

79.86

Intersect the N. and S. line, 12 lks. S. of the cor. secs. 1, 2, 11 and 12.

Thence,

S. 89°57' W., on true line bet. secs. 2 and 11.

Over broken ledges through scattered undergrowth.

5.00

Spur, 40 ft. above cor., projects NE.

36.40

Draw, 240 ft. below spur, drains N.

39.93

True point for the  $\frac{1}{4}$  sec. cor. falls on sloping surface-rock, where it is impracticable to set a cor.

40.79

On abrupt NE. slope, 40 ft. above draw.

Set an iron post, 13 ft. long, 1 1/2 in. diam., 15 ins. in the

ground to bedrock and 15 in. in a mound of stone, for

witness cor. to said cor. secs. 2 and 11, with

mark "A" and bear N. 89°58' E. 15.00 chs. dist. from

line "BC", S. 89°58' E. 15.00 chs. dist. from

(X) ~~SECRET~~ <sup>82</sup> ~~SECRET~~ <sup>81</sup>

811  
 .e.f.f.i.c.i.e.n.t. r.e.s.p.o.n.s.e.s. f.o.r. t.h.e. o.f.f.i.c.e.

1927

Deposit a sandstone, 5 x 2 x 2 ins., at base of post,  
marked with a cross (X).

No other suitable accessories available.

Thence ascend abruptly over broken NE. slope of sandstone ridge.

74.18 To point of offset, thence by offset to the S. of high sandstone points as follows.

S. 0°01' E. 39 lks. dist.

S. 89°57' W., 5.68 chs. dist. to:

79.86 The witness cor. to the cor. secs. 2, 3, 10 and 11,  
730 ft. above the witness cor. to the  $\frac{1}{4}$  sec. cor.

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

No timber.

Fair grazing.

N. 0°04' E., on true line bet. secs. 2 and 3, counting distances from the true point for the corners 2, 3, 10, and 11, which is N. 0°01' W., 39 lks. dist. from the witness cor. to said secs. 2 and 3, and

The line to the N. of the true point for the cor. Secs. 2, 3, 10 and 11, passes over the inaccessible NE. break of ridge over which I am unable to chain, and therefore triangulate as follows. Erect flag "A" at a point, 04

S. 0°04' W., 24.11 k. dist. from the true point for sec  
cor., and flag "B" at the corner of 24, 25, 34 and 35,  
on the N. bdy. of the township; and which is visible  
from flag "A" and bears N. 0°04' E. 24.11 k., measure  
base line "BC", N. 89°56' E., 15.006 chs. dist., from

Chains

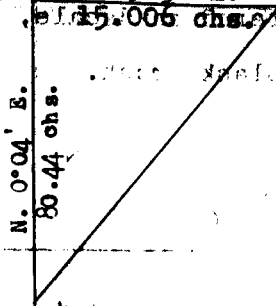
11111111

which point, flags "AB" subtend an angle of  $79^{\circ}26'$ .

Vertical angle "A" to "B" is minus  $8^{\circ}$ .

B  $90^{\circ}$  8.89°56' E. C  $79^{\circ}26'$

B 90° 8.89°56' E. C 79°26'



at 30' ybs. to A 10°34'

Distance by triangulation 80.44 chs.

Distance to true cor. point .24 chs.

80.20 chs.

Distance by return measurement 37.48 chs.

42.72 chs.

40.00 True point for the  $\frac{1}{4}$  sec. cor. falls on inaccessible

NE slope of ledges.

42.72 At base of inaccessible ledges, bears NW. and SE., 560

ft. below top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the

ground to bedrock and 20 ins. in a mound of stone, for

witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 2 and 3, with

brass cap marked.



1927

Deposit a sandstone, 8 x 7 x 6 ins., at base of post,  
marked with a cross (X).

No other suitable accessories available.

Thence by chaining.

47.00 Ledge, 40 ft. high, bears NW. and SE.; thence descend  
gradually over broken NE. slope.

73.70 Wash, 10 lks. wide, 15 ft. deep, 200 ft. below the witness  
cor. to the  $\frac{1}{4}$  sec. cor. sec. 2 and 3, on the N. side of the

40.20 The cor. sec. 2, 3, 4 and 35, on the N. side of the

township, Heretofore described, and to make

thereof as follows



On chain

added

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

From the cor. secs. 33 and 34, on the S. bdy. of the township, heretofore described.

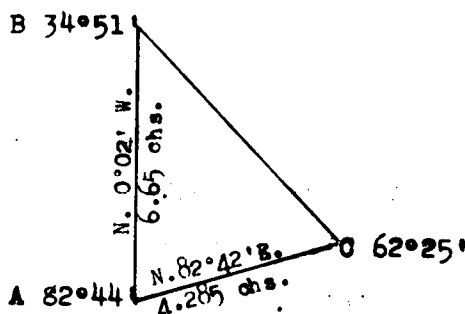
N.  $0^{\circ}02'$  W., bet. secs. 33 and 34.

Over broken land through scattered undergrowth and timber.

.20 Bottom of wash, 100 lks. wide, 10 ft. deep, drains SW.

4.00 From this point, the NW. corner of the Western States oil rig, bears N.  $82^{\circ}42'$  E., 4.285 chs. dist.

The line to the N. of this point passes over the inaccessible W. breaks of draw over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "A", measure base line "AC", N.  $82^{\circ}42'$  E., 4.285 chs. dist., from which point, flags "AB" subtend an angle of  $62^{\circ}25'$ .

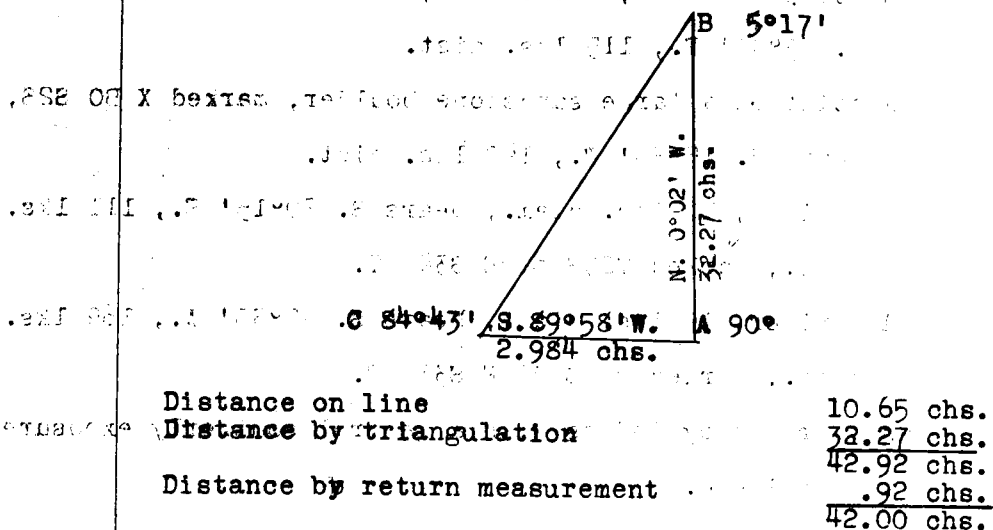


|                           |                   |
|---------------------------|-------------------|
| Distance on line          | 4.00 chs.         |
| Distance by triangulation | 6.65 chs.         |
|                           | <u>10.65 chs.</u> |

10.65 To point "B" of triangulation, at top of sandstone rim, 140 ft. above cor., bears NE. and SW.

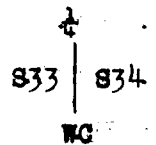
The line to the N. of this point, passes over the broken edge of the W. rim of draw over which it is impractical to chain, I therefore triangulate as follows. Erect

flag "A" at this point and flag "B" on line to the N.  
 From flag "A", measure base line "AC", S. 89°58' W.,  
 2.984 chs. dist., from which point, flags "AB" subtend  
 an angle of 84°43'. Impracticable to obtain a longer  
 base on account of ledges.



40.00 True point for the  $\frac{1}{4}$  sec. cor. falls on the inaccessible  
 face of ledge.

42.00 On surfacerock at E. edge of sandstone rim, 100 ft. high,  
 bears NE. and SW.; mark a cross (X), over which:  
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
 mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor.,  
 secs. 33 and 34, with brass cap marked.



1927

No other suitable accessories available.

42.92 To point "B" of triangulation at top of sandstone spur,  
 projects NE., 120 ft. high.

Thence by chaining over broken benchland and surfacerock,

78.50 Small draw, drains SE.

80.00 On surfacerock, mark a cross (X), over which:  
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a  
 mound of stone, for cor. secs. 27, 28, 33 and 34, with  
 brass cap marked.

## SUBDIVISION PT. 29 NE 1/4 N. 20 E.

SHERO

## Chains

|      |      |
|------|------|
| T29S | R20E |
| S28  | S27  |
| S33  | S34  |

1927

From which,

A point on ledge, 4 ft. high, marked X BO S27, bears  
N.  $45^{\circ}30'$  E., 115 lks. dist.

A point on a large sandstone boulder, marked X BO S28,  
bears N.  $15^{\circ}30'$  W., 140 lks. dist.

A juniper, 10 ins. diam., bears S.  $20^{\circ}15'$  E., 111 lks.  
dist., marked T29S R20E S34 BT.

A juniper, 10 ins. diam., bears S.  $45^{\circ}30'$  W., 169 lks.  
dist., marked T29S R20E S33 BT.

Land, broken by ledges with a general southerly exposure  
and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

East, on random line bet. secs. 27 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect the N. and S. line, 5 lks. N. of the cor. secs.  
26, 27, 34 and 35.

Thence,

N.  $89^{\circ}58'$  W., on true line bet. secs. 27 and 34.

Over broken sandstone ledges through scattered undergrowth  
and timber.

27.00 Top of gradual descent over broken SW. slope, bears  
NW. and SE.

31.50 Draw, 90 ft. below top of descent, drains SW.

37.60 Spur, 80 ft. above draw, projects NW.

40.03 On surface rock, 30 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a

BRIBNO

Mound of stone, for 1 sec. cor., with brass cap marked.

528 382 827  
+ 1  
529 834

1927

No. other suitable accessories available.

43.20 Draw, 30 ft. below the 1 sec. cor., drains NE. from the

SE. 108 ft. above

54.00 Recross same draw, drains SW. from the NE.

62.60 Spur, 90 ft. above draw, projects S.

67.10 Draw, 80 ft. below spur, drains SE.

72.90 Spur, 100 ft. above draw, projects SE.

77.30 SE. point rimrock, 30 ft. high, bears NW. and NE.

80.06 The cor. secs. 27, 28, 33 and 34, 50 ft. below spur.

Land, broken by ledges, with a general southerly

exposure and drainage

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and buck brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

N. 0°02' W., bet. secs. 27 and 28.

Ascent abruptly over broken SW. slope of ledges through  
scattered undergrowth and timber.

4.50 Top of ascent and ledges, 140 ft. above cor., bears

NW. and SE.

14.80 The right rim of draw, 30 ft. high, bears NW. and SE.

16.50 Bottom of draw, 90 ft. below top of ledges, drains SE.

19.00 Top of left rim of draw, 30 ft. high, bears NW. and SE.

40.00 On top of surface rock at top of ridge, 50 ft. above

draw, bears NW. and SE.

Set a 1/2 in. post, 13 ft. long, in a

mound of stone, for 1 sec. cor., with brass cap marked.

nominal required during boring, admit

missing 1167

Chains

S28 | S27  
 1927

From which,

A juniper, 8 ins. diam., bears N. 23°30' E., 245 lks.  
 dist., marked  $\frac{1}{4}$  S27 BT.

A juniper, 3 ins. diam., bears N. 59°30' W., 84 lks.  
 dist., marked BT.

65.20 Draw, 40 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.

79.92 As the true point for the cor. secs. 21, 22, 27 and 28,  
 falls on a large sandstone boulder where it is impractic-  
 able to set cor., therefore at this point.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the  
 ground to bedrock and 24 ins. in a mound of stone, for  
 witness cor. to the cor. secs. 21, 22, 27 and 28, with  
 brass cap marked.

W C  
 T29S | R20E  
 S21 | S22  
 S28 | S27  
 1927

From which,

A juniper, 8 ins. diam., bears N. 40° E., 283 lks.  
 dist., marked WC T29S. R20E S22 BT.

A juniper, 3 ins. diam., bears S. 12°45' W., 145 lks.  
 dist., marked BT.

No other suitable bearing trees available.

80.00 The true point for the cor. secs. 21, 22, 27 and 28,  
 falls on large boulder. Mark a cross (X) at the  
 true cor. point.

Land, broken by ledges, with a general southeasterly  
 and northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock, 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
 top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

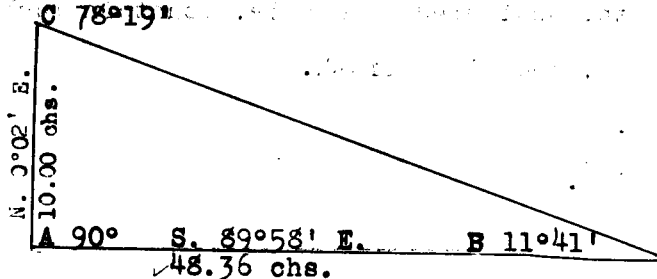
Fair grazing.

57.12 From the true point for the cor. secs. 21, 22, 27 and  
28, which is N. 0°02' W., 8 lks. dist. from the witness  
cor. to said secs. 22 and 27.  
S. 89°58' E., on random line bet. secs. 22 and 27.

31.76 Leave flag for triangulation point.

40.00 Set temp. 1 sec. cor.

45.00 Base of inaccessible ledges over which I am unable to  
chain, I therefore triangulate as follows. Erect flag "A"  
at 31.76 chs. point and flag "B" on line to the E. From  
flag "A", measure base line "AC", N. 0°02' E., 10.00 chs.  
dist., from which point, flags "AB" subtends an angle  
of 78°19'. Vertical angle "A" to "B" is plus 15°45'



|                           |                   |
|---------------------------|-------------------|
| Distance on line          | 31.76 chs.        |
| Distance by triangulation | 48.36 chs.        |
|                           | <u>80.12 chs.</u> |

80.12 To point "B" of triangulation at a point, 5 lks. S. of  
the cor. secs. 22, 23, 26 and 27.

Thence,

West, on true line bet. secs. 22 and 27.

By triangulation over inaccessible W. slope of ledges  
through scattered undergrowth.

10.00 Approximate distance; top of abrupt descent over ledges,  
500 ft. high, bears N. and S.

35.12 Base of inaccessible ledges, bears NE. and SW.; thence  
by chaining; descend gradual W. slope.

40.06 On gradual W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in  
the ground to bedrock and 20 ins. in a mound of stone,  
for 1 sec. cor., with brass cap marked.

822  
827

SUBDIVISION, T. 29 N., R. 20 E.

Chains

S11240

- Deposit a sandstone, 5 x 3 x 3 ins. at base of post,  
marked with a cross (X) over which holdw. 25
- No other suitable accessories available.
- 46.00 Road, bears NW. to Lockhart and SE. to Indian Creek.
- 48.36 To point "A" of triangulation, 910 ft. below cor. secs.  
22, 23, 26 and 27. Thence over broken bench land.
- 76.10 The right rim of draw, 20 ft. high, bears NW. and SE.
- 76.70 Bottom of draw, 40 ft. deep, drains NW.
- 77.00 The left rim of draw, 20 ft. high, bears NW. and SE.
- 80.12 The true point for the cor. secs. 21, 22, 27 and 28.  
Land, broken by ledges with a general westerly exposure  
and drainage.
- Soil, shallow, loose, sand, clay, and rock; 3rd rate.
- Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.
- No timber.
- Fair grazing.
- From the true point for the cor. secs. 21, 22, 27 and 28,  
which is N. 0°02' W., 8 lks. dist. from the witness  
cor. to said secs.
- N. 0°02' W., bet. secs. 21 and 22.
- Over broken ledges through scattered undergrowth.
- 16.20 Draw, 160 ft. below true point for cor., drains W.;  
ascend over sandstone rim, 40 ft. high, bears W. and SE.
- 24.20 Spur, 100 ft. above draw, projects W.
- 40.00 On surfacerock, mark a cross (X), over which  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- S21 S22
- 1927
- No other suitable accessories available.
- 41.50 Draw, 40 ft. below the  $\frac{1}{4}$  sec. cor., drains W.
- 42.30 Draw, 20 lks. wide, drains W. from the N.; thence along  
bottom of draw.

1927

37.10 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground to bedrock and 22 ins. in a mound of stone, for  
neighbor corners. 15, 26, 21 and 22, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S16  | S15  |
| S21  | S22  |

1927

Deposit a sandstone, 10 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general southerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd. rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

East, on random line bet. secs. 15 and 22.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect the N. and S. line, 21 lks. S. of the cor.  
secs. 14, 15, 22 and 23.

Thence,

S.  $59^{\circ}51'$  W., on true line bet. secs. 15 and 22.

Over broken land through scattered undergrowth.

16.00 Small draw, drains N.  $60^{\circ}$  W.

15.40 Spur, 50 ft. above draw, projects NW.

21.30 Draw, 100 ft. below spur, drains N.  $30^{\circ}$  W. ; thence along broken N. slope.

34.00 Slope changes from the N. to the NW.

39.99 On surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S15

S22

1927



SUBDIVISION, T. 29 S., R. 20 E.

Chains

- No other suitable accessories available 01.72
- 41.50 Small spur, projects N. 75° W. 00.08
- 58.00 Small spur, projects S. 75° W.
- 72.00 Bend in road, bears NE. to Lockhart and SE. to Indian Creek.
- 75.40 Small wash, drains NW.
- 79.98 The cor. secs. 15, 16, 21 and 22.

Land, broken by ledges with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 15 and 16.

Over broken ledges through scattered undergrowth and timber.

- 16.10 Small wash, drains N. from the S. 5° E.; thence along bottom of wash.

- 28.40 Leave bottom of wash, drains N. 15° W.; thence along W. slope at E. side of wash.

- 40.00 On gradual W. slope at E. side of wash.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and 15 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

816 | 815

1927

From which,

A point on ledge, marked  $\frac{1}{4}$  X B0, bears N. 9°58' E., 98 lks. dist.

No other suitable accessories available.

- 43.40 Low spur, 40 ft. high, projects SW.

- 53.00 Ledge, 10 ft. high, bears N. 20° E. and S. 20° W.

51.10 Draw, 100 ft. below spur, drains N. 20° W.; continue gradual descent along NE. slope.

54.00 Draw, 30 ft. below last draw, drains S. 80° W.; ascend gradual S. slope over ledges.

55.60 Ledge, 30 ft. high, bears NE. and SW.

58.00 On S. slope, 120 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for cor. secs. 9, 10, 15 and 16, with brass cap marked.

T29S R20E  
 S9 S10

S16 S15

1927

Deposit a sandstone, 7 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges, with a general northerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock, 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

N. 89°51' E., on random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.

50.10 Intersect the N. and S. line, 12 lks. N. of the cor. secs. 10, 11, 14 and 15.

Thence,

S. 89°56' W., on true line bet. secs. 10 and 15.

Over broken land through scattered undergrowth.

7.50 Draw, drains SW.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.

Onains

SHIRU

- 410 100' ft. below cor., projects W.; descend gradual S. 01.78
- 415 100' ft. below cor., projects W.; descend gradual S. 01.78
- 1927 100' ft. below cor., projects W.; descend gradual S. 01.78
- Deposit a sandstone, 4 x 3 x 3 ins., at base of post, marked with a cross (X).
- No other suitable accessories available.
- 50.20 Road, bears NW. to Lockhart and SE. to Indian Creek.
- 60.00 Draw, drains SW.
- 80.10 The cor. secs. 9, 10, 15 and 16.
- Land, broken, with a general southwesterly exposure and drainage.
- Soil, shallow, loose, sand, clay, and rock; 3rd rate.
- Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.
- No timber.
- Fair grazing.
- N. 0°02' W., bet. secs. 9 and 10.
- Over broken ledges through scattered undergrowth.
- .50 Small knoll, 5 ft. high.
- 7.60 Draw, 50 ft. below cor., drains SW.; ascend gradual S. slope.
- 13.40 Spur, 40 ft. above draw, projects W.; descend gradual N. slope.
- 18.80 Draw, 130 ft. below spur, drains W.; ascend gradual S. slope over ledges.
- 40.00 On gradual SW. slope, 130 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- 89 810
- 1927
- Deposit a sandstone, 6 x 4 x 2 ins., at base of post, marked with a cross (X).
- No other suitable accessories available.

51.60 Spur, 30 ft. above the  $\frac{1}{4}$  sec. cor., projects N. 80° W.;  
 descend gradual W. slope.

71.10 Draw, 100 ft. below spur, bears W.; ascend gradual SW.  
 slope.

80.00 on gradual slope, 90 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the  
 ground to bedrock and 16 ins. in a mound of stone, for  
 cor. secs. 3, 4, 9 and 10, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S4   | S3   |
| S9   | S10  |

1927

Deposit a sandstone, 4 x 3 x 2 ins., at base of post,  
 marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges; with a general southwesterly  
 exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
 top, sage, and black brush.

No timber.

Fair grazing.

Note: Knowing that it will be impossible to project my  
 line bet. secs. 3 and 10, beyond the  $\frac{1}{4}$  sec. cor. secs.

3 and 10, on account of the inaccessible ledges of

long spur which projects from Hatch Point, I determine

the course and distance of the line bet. secs. 3 and

10 as follows. Designate the cor. secs. 3, 4, 9 and 10

"A"; the cor. secs. 9, 10, 15 and 16, "B"; and a point

South, 10.42 chs. and East, 8.95 chs. from the true

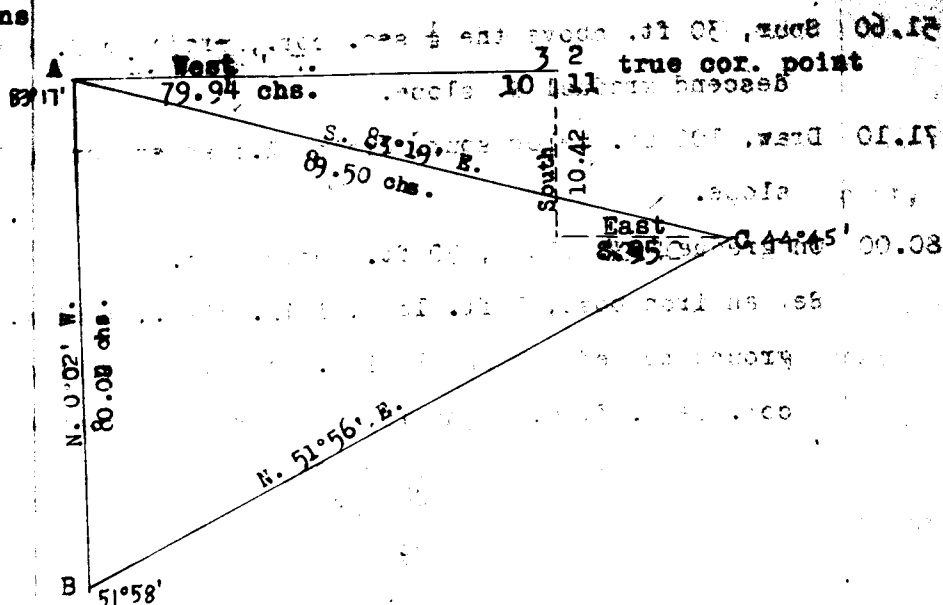
point for cor. secs. 2, 3, 10 and 11, as "C". From "A"

"C", bears N. 53°19' E. and from "B", "C" bears

N. 51°56' E.

SUBDIVISION, T. 29 S., R. 20 E.

Chains



The computed distance of the line from the true point for the cor. secs. 2, 3, 10 and 11, which is N. 0°01' 39 lks. dist from the witness cor. to cor. said. secss to the cor. secs. 3, 4, 9 and 10, therefore is, 79.94 chs. and the course is West.

Thence,

From the cor. secs. 3, 4, 9 and 10.

East, on true line bet. secs. 3 and 10.

Over broken land through scattered undergrowth.

- 9.65 Road, bears NW. to Lockhart and SE. to Indian Creek.
- 15.20 Wash, 10 lks. wide, 2 ft. deep, drains SW.
- 27.60 Wash, 30 lks. wide, 30 ft. deep, drains SW.
- 34.40 Base of abrupt ascent over broken W. face of ledges, bears N. and S.
- 38.70 Ledge, 40 ft. high, bears N. and S.

Difference between measurements of 39.97 chs. by two sets of chainman is 6 lks.; position of middle point. By 1st set 39.94 chs.

By 2nd set 40.00 chs.; the mean of which is:

- 39.97 On surfacerock, 300 ft. above the cor. secs. 3, 4, 9 and 10, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

-83

810

1927

No other suitable accessories available

Note: the line to the E. of this point passes over high inaccessible ledges over which it is impossible to project my line, and the method used to determine the course and distance of this mile is the only feasible method that could be used.

Land, broken ledges with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

No timber.

Fair grazing.

From the cor. secs. 3, 4, 9 and 10.

N. 0°03' E., on random line bet. secs. 3 and 4.

|       |                                   |
|-------|-----------------------------------|
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
|-------|-----------------------------------|

80.37 Intersect the N. bdy. of the township, 7 lks. W. of the  
cor. secs. 3, 4, 33 and 34, heretofore described.

**Thence,**

S. 0°06' W., on true line bet. secs. 3 and 4.

Over broken ledges through scattered undergrowth.

3.30 Small spur, projects W.

19.00 Draw, 90 ft. below spur, drains W

33.50 Road, bears NE. to Lockhart and SW. to Indian Creek.

40.37 On broken NW. slope, 70 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock and 6 ins. in a mound of stone, for sec. cor., with brass cap marked.

84

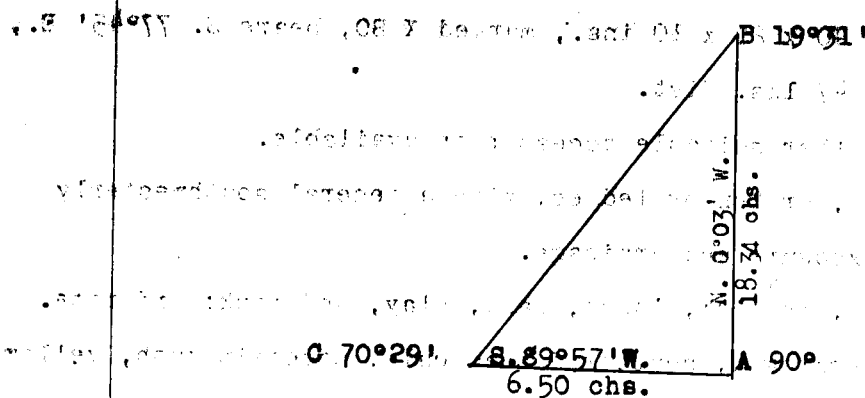
83

1927

## SUBDIVISION, T. 29 N. R. 20 E.

## Chains

- Deposit a sandstone, 7 x 4 x 4 ins., at base of post, marked with a cross (X).  
No other suitable accessories available.
- 44.90 Spur, 30 ft. above the  $\frac{1}{4}$  sec. cor., projects N. 60° W.; descend gradual S. slope.
- 52.00 Road, bears NW. to Lockhart and SE. to Indian Creek.
- 56.90 Draw, 40 ft. below spur, drains SW.
- 75.80 Spur, 20 ft. above draw, projects N. 80° W.
- 80.37 The cor. secs. 3, 4, 9 and 10, 10 ft. below spur.  
Land, broken by ledges, with a general westerly exposure and drainage.  
Soil, shallow, loose, sand, clay, and rock; 3rd rate.  
Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.  
No timber.  
Fair grazing.
- 
- From the cor. secs. 32 and 33, on the S. bdy. of the township, heretofore described.  
N. 0°03' W., bet. secs. 32 and 33.  
Descend abruptly over broken S. breaks of Indian Creek through scattered undergrowth.
- 1.00 Base of ledges, bears NW. and SE.; thence over bottom lands of Indian Creek.
- 6.30 Indian Creek, small stream of muddy water, 4 lks. wide, 6 ins. deep, in bottom of Indian Creek Canyon, flows NW.; continue over bottom lands of Indian Creek.
- 9.60 Base of inaccessible N. breaks of Indian Creek Canyon, bears NW. and SE. over which I am unable to chain, I therefore triangulate as follows. Erect flag "B" on line to the N. and flag "A" at the cor. secs. 4, 5, 32 and 33. From flag "A", measure base line "AC", S. 89°57' W., 6.50 chs. dist., from which point, flags "AB" subtend an angle of 70°23'.



Distance by triangulation 18.34 chs.

- 18.34 To point "B" of triangulation at top of N. breaks of Indian Creek Canyon, 300 ft. above bottom, bears W. and SE.; thence over broken ledges and surfacerock.
- 28.90 Top of abrupt descent over ledges into box canyon, bears E. and W.
- 33.50 Bottom of box canyon, 140. ft. deep, drains W.
- 38.90 Top of N. breaks of canyon, bears E. and W.; thence over broken bench land.
- 40.00 On surfacerock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

832 | 833  
1927

No other suitable accessories available.

- 55.60 Line passes over a sandstone outcropping, 3 ft. diam., and 10 ft. high.
- 80.00 On surfacerock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 28, 29, 32 and 33, with brass cap marked.

T29S | R20E  
829 | 828  
832 | 833  
1927

From which,

A point on a sandstone boulder, size of boulder



SUBDIVISION, T. 29 S., R. 20 E.

Chains

40 x 20 x 10 ins., marked X B0, bears S. 77°45' E.,  
47 lks. dist.

No other suitable accessories available.

Land, broken by ledges, with a general southwesterly  
exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
sage, and black brush.

No timber.

Fair grazing.

East, on random line bet. secs. 28 and 33.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.20 Intersect the N. and S. line, 23 lks. S. of the cor..  
secs. 27, 28, 33 and 34.

Thence,

S. 89°50' W., on true line bet. secs. 28 and 33.

Ascend gradually over broken SE. slope of bench land  
through scattered undergrowth and timber.

23.00 The flat top of ridge, 180 ft. above cor., bears N. and S.

30.60 Top of gradual descent over broken W. slope.

37.00 Draw, 70 ft. deep, drains NW.; continue descent.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S28}{S33}$   
1927

From which,

A juniper, 7 ins. diam., bears N. 52° E., 65 lks.  
dist., marked  $\frac{1}{4}$  S28 BT.

A juniper, 3 ins. diam., bears S. 57°30' W., 86 lks.  
dist., marked BT.

44.00 Ledge, 66 ft. high, bears NW. and SE.; descend over NW.  
slope of surfacerock.

67.50 Draw, 180 ft. below ridge, drains NW.; ascend gradual  
to top, ends SE. slope, at least 100 ft. above bottom of canyon.

80.20 The cor. secs. 28, 29, 32 and 33, 70 ft. above draw.  
Land, broken, with a general northwesterly exposure and  
drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
sage, and black brush.

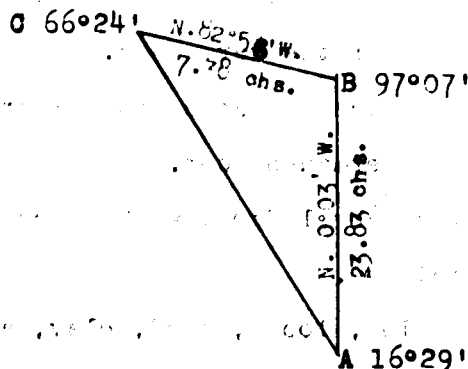
Timber, scattered juniper and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 28 and 29.

Descend abruptly over broken N. slope of ledges through  
scattered undergrowth and timber.

The line to the N. of the cor. secs. 28, 29, 32 and 33,  
passes over the inaccessible S. breaks of box canyon  
over which I am unable to chain, I therefore triangulate  
as follows. Erect flag "A" at this point and flag "B"  
on line to the N. From flag "B", measure base line  
"BC", N. 82°56' W., 7.78 chs. dist., from which point,  
flags "AB" subtend an angle of 66°24'. Vertical angle  
"A" to "B" is plus 6°.



Distance by triangulation 23.83 chs.

12.00 Approximate distance; bottom of box canyon, 120 ft. below  
sec. cor., drains SW.

23.83 To point "B" of triangulation at top of N. breaks of  
canyon, 160 ft. above bottom, bears E. and W.; thence  
over broken bench land by chaining.

# SUBDIVISION, T. 29 S., R. 20 W.

Chains

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\uparrow$   
 S29 S28  
 1927

From which,

A juniper, 6 ins. diam., bears N.  $89^{\circ}45'$  W., 150 lks. dist., marked  $\frac{1}{4}$  S29 BT.

No other suitable accessories available.

41.90 Small spur, projects W.; descend gradual N. slope.

79.70 On surfacerock, mark a cross (X), over which:  
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 20, 21, 28 and 29, with brass cap marked.

|      |      |
|------|------|
| W    | C    |
| T29S | R20E |
| S20  | S21  |
| S29  | S28  |

 1927

From which,

A juniper, 10 ins. diam., bears N.  $60^{\circ}$  W., 221 lks. dist., marked WC T29S R20E S20 BT.

No other suitable accessories available.

80.00 True point for the cor. secs. 20, 21, 28 and 29, falls on steep face of surfacerock where it is impracticable to set a permanent cor.

Land, broken by ledges, with a general westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

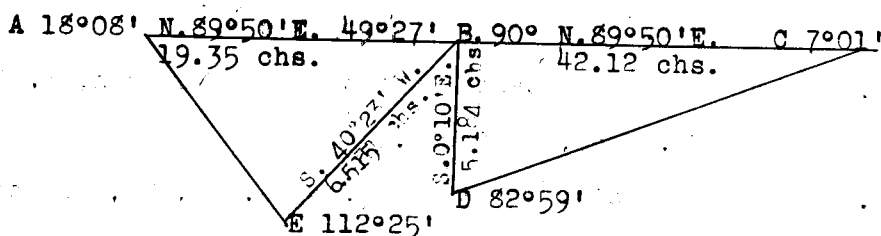
Fair grazing.

SUBDIVISION, T. 29 S., R. 20 E.

CHAINING

101. 189°50' E., on random line bet. secs. 21 and 28, from the true point for the cor. secs. 20, 21, 28 and 29, which is N. 0°03' W., 30 lks. dist. from the witness cor. to the cor. said secs.

The line to the E. of the true point for the sec. cor., passes over inaccessible ledges over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at a point S. 89°50' W., 8.95 chs. dist. from the true point for the cor. secs. 20, 21, 28 and 29, and flags "B" and "C" on line to the E. From "B", measure base lines, "BD", S. 0°10' E., 5.184 chs. dist., and "BE", S. 40°23' W., 6.513 chs. dist. From "D", "BG" subtends an angle of 82°59'. From "E", "AB" subtends an angle of 112°25'.



|   |            |
|---|------------|
| Distance by triangulation "A" to "B"      | 19.35 chs. |
| Distance by triangulation "B" to "C"      | 42.12 chs. |
|   | <hr/>      |
|   | 61.47 chs. |
| Distance from "A" to true sec. cor. point | 8.95 chs.  |
|   | <hr/>      |
|   | 52.52 chs. |
| Distance by return measurement            | 12.52 chs. |
|   | <hr/>      |
|   | 40.00 chs. |

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

52.52 To point "C" of triangulation; thence by chaining.

80.24 Intersect the N. and S. line, 14 lks. N. of the true point for the cor. secs. 21, 22, 27 and 28, which is N. 0°02' W., 8 lks. dist. from the witness cor. to the cor. said secs.

Thence,

S. 89°56' W., on true line bet. secs. 21 and 28.

Over broken land through scattered undergrowth and timber.

5.20 Draw, 40 ft. deep, drains N.

27.75 To point "C" of triangulation.

40.12 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the

SUBDIVISION, T. 29 S., R. 20 E.

Chains

ground to bedrock and 22 ins. in a mound of stone, for  
 1/4 sec. cor., with brass cap marked.

S21

S28

1927

Deposit a sandstone, 10 x 8 x 6 ins., at base of post,  
 marked with a cross (X).

No other suitable accessories available.  
 Corner on spur projecting NW.

40.24 Thence by triangulation over broken inaccessible ledges.

43.00 Top of abrupt descent over broken NW. slope into canyon,  
 bears NW. and SE.

51.00 Approximate distance; bottom of canyon, 200 ft. deep,  
 drains N.; ascend abrupt E. slope.

69.84 To point "B" of triangulation at top of small spur,  
 200 ft. above canyon, projects N.

78.00 Approximate distance; bottom of box canyon, 3.00 chs. wide  
 70 ft. deep, drains N.

80.24 The true point for the cor. secs. 20, 21, 28 and 29.  
 Land, broken by ledges, with a general northerly exposure  
 and drainage.

Soil, shallow, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
 top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

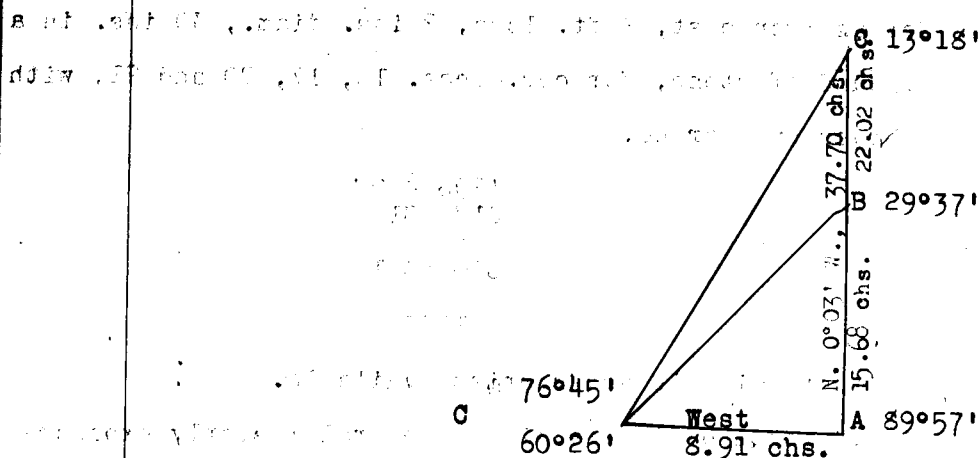
From the true point for the cor. secs. 20, 21, 28 and 29,  
 which is N. 0°03' W., 30 lks. dist. from the witness  
 corl to the cor. said secs.

N. 0°03' W., bet. secs. 20 and 21.

The line to the N. of this cor. point, passes through  
 scattered undergrowth and over broken inaccessible  
 breaks of box canyons over which I am unable to chain,  
 I therefore triangulate as follows. Erect flag "A" at  
 the true point for the cor. secs. 20, 21, 28 and 29,

Chains

and flags "B" and "C" on line to the N. From flag "A" measure base line "AD", West, 8.91 chs. dist. from which point, flag "AB" subtend an angle of  $66^{\circ}26'$  and "AC" subtends an angle of  $76^{\circ}45'$ .



|                                      |            |
|--------------------------------------|------------|
| Distance by triangulation "A" to "C" | 37.70 chs. |
| Distance from "C" to "B"             | 22.02 chs. |
| Distance by triangulation "A" to "B" | 15.68 chs. |

- 15.20 Approximate distance; bottom of box canyon, 200 ft. deep, drains NW.; ascend abruptly over inaccessible N. breaks of canyon.
- 15.68 To point "B" of triangulation on top of spur, 250 ft. above bottom of canyon, projects NW.; continue by triangulation; descend over broken S. breaks of box canyon.
- 25.00 Approximate distance; bottom of box canyon, 200 ft. deep, drains NW.; ascend over inaccessible N. breaks of canyon.
- 37.70 To point "C" of triangulation at top of spur, 250 ft. above bottom of canyon, projects NW.; thence by chaining, descend abrupt N. slope.
- 40.00 Mark a cross (X), on the surfacerock, over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S20 | S21  
 1927

No other suitable accessories available.

- 48.00 Wash, 60 lks. wide, 2 ft. deep, in bottom of canyon, 180 ft. below spur, drains W.; ascend abruptly over

## SUBDIVISION, T. 29 N., R. 20 E.

Chains

enlaco

- broken ledges, bears E. and W.
- 60.00 Top of N. rim of canyon, 200 ft. above bottom, bears E. and W.; thence over broken bench land.
- 80.00 On surface rock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 16, 17, 20 and 21, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S17  | S16  |
| S20  | S21  |

1927

No other suitable accessories available.

Land, broken by ledges with a general westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

- N.  $89^{\circ}56'$  E., on random line bet. secs. 16 and 21.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.24 Intersect the N. and S. line, 23 lks. N. of the cor. secs. 15, 16, 21 and 22.
- Thence,
- N.  $89^{\circ}54'$  W., on true line bet. secs. 16 and 21.
- Over broken bench land through scattered undergrowth.
- 40.12 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|                   |
|-------------------|
| S16               |
| $\frac{1}{4}$ S21 |

1927

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

SUBDIVISION, T. 29 S., R. 20 E.,

Chains

80.24 The cor. secs. 16; 17, 20, and 21.  
Land, broken, with a general southerly exposure and drainage.  
Soil, shallow, loose, sand, clay, and rock; 3rd rate.  
Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.  
No timber.  
Fair grazing.

N. 0°03' W., bet. secs. 16 and 17.

Ascend gradually over broken land through scattered undergrowth and

13.20 Low ridge, 20 ft. high, bears E. and W.; descend gradual NW. slope.

34.10 Head of draw, 30 ft. below ridge, drains NW.; ascend gradual S. slope.

37.00 Rocky spur, 60 ft. above head of draw, projects NW.; descend gradually along W. slope.

39.50 Ledge, 10 ft. high, bears E. and W.

40.00 On gradual NW. slope, 40 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked:

$\frac{1}{4}$   
S17 | S16  
1927

From which,

A point on ledge, marked  $\frac{1}{4}$  X B0, bears S. 88°30' E., 193 lks. dist.

No other suitable accessories available.

41.10 Draw, 10 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.; continue gradually descent over NW. slope.

56.00 Small spur, projects NW.

57.90 Bend in ledge, 75 ft. high, bears W. and NE.



## SUBDIVISION, T. 29 S., R. 20 E.

anlano

Chains

- 66.40 Draw, 320 ft. below the  $\frac{1}{4}$  sec. cor., drains S.  $70^{\circ}$  W.; ascend abrupt S. slope over ledges.
- 72.00 Spur, 280 ft. above draw, projects NW. from the E.
- 77.00 Top of abrupt descent over N. slope, bears E. and W.
- 80.00 On abrupt N. slope, 150 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 8, 9, 16 and 17, with brass cap marked.

T29S | R20E

S8 | S9

S17 | S16

1927

From which,

A point on ledge, marked X BO S16, bears S.  $47^{\circ}28'$  E., 97 lks. dist.

No other suitable accessories available.

Land, broken by ledges, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

S.  $89^{\circ}54'$  E., on random line bet. secs. 9 and 16.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

- 80.38 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 9, 10, 15 and 16.

Thence,

N.  $89^{\circ}55'$  W., on true line bet. secs. 9 and 16.

Over broken land through scattered undergrowth.

- .40 Low spur, projects SW.; descend gradual NW. slope.

- 9.50 Draw, 100 ft. below spur, drains S.  $30^{\circ}$  W.; ascend gradual E. slope.

- 13.00 Spur, 100 ft. above draw, projects S., 5.00 chs. dist.;

29.70 Draw, 170 ft. below spur, drains NW.; ascend gradual NE. slope.

39.80 Spur, 150 ft. above draw, projects N. 15° W.; descend gradual NW. slope.

40.19 On gradual NW. slope, 10 ft. below spur.

Mark "a cross (X), on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} \$9 \\ \frac{1}{4} \\ \hline \$16 \end{array}$$

1927

From which,

A point on ledge, marked  $\frac{1}{4}$  X B0, bears S. 51°15' E., 104 lks. dist.

No other suitable accessories available.

45.20 Draw, 80 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend gradual NE. slope.

64.80 Spur, 110 ft. above draw, projects N.; descend gradual NW. slope.

70.60 Ledge, 60 ft. high, bears N. and SW.

80.38 The cor. secs. 8, 9, 16 and 17, 240 ft. below spur.

Land, broken by ledges, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 8 and 9.

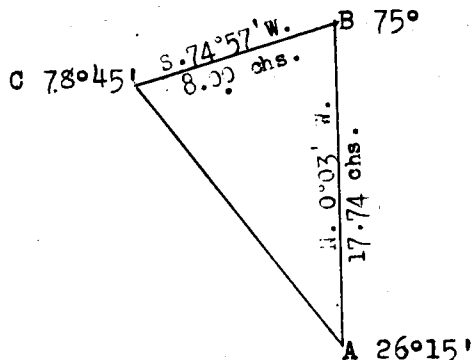
Descend gradual N. slope over broken ledges through scattered undergrowth.

10.00 Bottom of left fork Rustler Canyon, 40 ft. below cor., drains S. 80° W.; ascend abruptly over broken S. slope.

SUBDIVISION, T. 29 S., R. 20 E.

Chains

16.00 Base of inaccessible, perpendicular ledge, 100 ft. high, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the cor. sec. 8, 9, 16 and 17, and flag "B" on line to the NE. From flag "B", measure base line "BC", S.  $74^{\circ}57'$  W., 8.00 chs. dist., from which point, flags "AB" subtend an angle of  $78^{\circ}45'$ . Vertical angle "A" to "B" is plus  $7^{\circ}30'$ .



Distance by triangulation 17.74 chs.

17.74 To point "B" of triangulation at top of spur, 200 ft. above bottom of canyon, projects S.  $75^{\circ}$  W.; descend abruptly over broken NW. slope, by chaining.

33.00 Bottom of N. fork of Rustler Canyon, 200 ft. below spur drains SW.; ascend gradual SE. slope.

39.40 Small spur, 60 ft. above fork of Rustler Canyon, projects E.; descend gradual NE. slope.

40.00 On gradual NE. slope of surfacerock, 10 ft. below spur, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

No other suitable accessories available.

47.70 Draw, 40 ft. below the  $\frac{1}{4}$  sec. cor., drains S.  $20^{\circ}$  E.; ascend gradual SW. slope.

67.00 Spur, 160 ft. above draw, projects E.; descend gradually along bench land sloping NE.

73.00 Wash, 40 lks. wide, 20 ft. deep, drains NE.

Chains

80.00 On NE. slope of bench land, 40 ft. below spur.

Set an iron post 23 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and 26 ins. in a mound of stone, for cor. secs. 4, 5, 8 and 9, with brass cap marked.

OF X 1/2 bearing S 89° 55' E. 1927

|      |      |
|------|------|
| T29S | R20E |
| S5   | S4   |
| S8   | S9   |

1927

From which,

A point on ledge, marked X B0 S5, bears N. 70°36' W., 195 lks. dist.

No other suitable accessories available.

Land, broken by ledges, with a general westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 4th rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

S. 89°55' E., on random line bet. secs. 4 and 9.

40.00 Set temp. 1/4 sec. cor.

80.32 Intersect the N. and S. line, 9 lks. S. of the cor. secs. 3, 4, 9 and 10.

Thence,

N. 89°59' W., on true line bet. secs. 4 and 9.

Over broken mountainous land through scattered undergrowth.

9.10 Rim of bench, bears N. and SE.; descend gradual W. slope.

19.50 Box canyon, 150 ft. below cor., drains S.; ascend gradual E. slope.

40.16 On gradual SE. slope, 140 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and 14 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.

## SUBDIVISION, T. 29 S., R. 20 E.

Chains

Chains

84

89

1927

From which,

A point on sandstone ledge, marked  $\frac{1}{4}$  X B0, bears  
N.  $53^{\circ}01'$  W., 64 lks. dist.

No other suitable accessories available.

- 41.30 Spur, 20 ft. above the  $\frac{1}{4}$  sec. cor., projects S.  $30^{\circ}$  W.;  
descend gradual W. slope.
- 58.00 Draw, 180 ft. below spur, drains SW.; ascend gradual SE.  
slope.
- 62.60 Small spur, 50 ft. above draw, projects SW.; descend  
gradual NW. slope.
- 69.40 Draw, 70 ft. below spur, drains S.  $10^{\circ}$  E.; ascend  
gradual E. slope.
- 76.80 Draw, 40 ft. deep, drains SE.; continue gradual ascent.
- 80.32 The cor. secs. 4, 5, 8 and 9, 100 ft. above draw.  
Land, broken by ledges, with a general southwesterly  
exposure and drainage.  
Soil, shallow, loose, sand, clay, and rock; 3rd rate.  
Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.  
No timber.  
Fair grazing.

---

N.  $0^{\circ}05'$  E., on random line bet. secs. 4 and 5.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.35 Intersect the N. bdy. of the township, 26 lks. W. of the  
cor. secs. 4, 5, 32 and 33, heretofore described.  
Thence,  
S.  $0^{\circ}16'$  W., on true line bet. secs. 4 and 5.  
Descend gradually over broken S. slope through scattered  
undergrowth.
- 5.50 Head of draw, 30 ft. below cor., drains NE.; ascend  
gradual NW. slope.

SUBDIVISION, T. 29 S., R. 20 E.

Chains

27.10 Spur, 60 ft. above head of draw, projects E.; descend gradual S. slope.

40.35 In small draw, 40 ft. below spur, drains E.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S5 | S4

1927

From which,

A point on ledge, marked  $\frac{1}{4}$  X B0, bears S. 17°57' E., 215 lks. dist.

No other suitable accessories available.

48.80 Low spur, 20 ft. above the  $\frac{1}{4}$  sec. cor., projects E.; descend gradual S. slope.

56.10 Head of box canyon, 50 ft. below spur, drains SE.; ascend gradual NE. slope.

63.80 Spur, 70 ft. above head of box canyon, projects E.; descend gradual S. slope.

73.20 Ledge, 100 ft. high, bears E. and W.

77.60 Box canyon, 200 ft. below spur, drains SE.; ascend gradual NE. slope.

80.35 The cor. secs. 4, 5, 8 and 9, 50 ft. above canyon.

Land, broken by ledges, with a general easterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

From the cor. secs. 31 and 32, on the S. bdy of the township, which is heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Ascend abruptly over broken S. slope of ledges through

## SUBDIVISION, T. 29 S., R. 20 E.

Chains

entand

- scattered timber and undergrowth. 01.75
- 6.10 Spur, 130 ft. above cor., projects N. 30° E., descend gradual N. slope. 25.04
- 40.00 In bottom of draw, 130 ft. below spur, drains NE. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked. ✓

$\frac{1}{4}$   
 S31 | S32  
 1927

From which,

- A juniper, 4 ins. diam., bears N. 57°15' E., 77 lks. dist., marked  $\frac{1}{4}$  S32 BT.
- A juniper, 5 ins. diam., bears N. 65°13' W., 113 lks. dist., marked  $\frac{1}{4}$  S31 BT.
- 42.10 Wash, 10 lks. wide, 2 ft. deep, drains E.; ascend gradual SE. slope.
- 56.00 Spur, 210 ft. above draw, projects NE.; descend gradually over broken N. and NW. slope.
- 72.60 Draw, 180 ft. below spur, drains NW.; ascend gradually over rocky SW. slope.
- 80.00 On top of large red sandstone boulder at top of spur, projects 60 ft. above draw, mark a cross (X), over which: Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 29, 30, 31 and 32, with brass cap marked.

T29S | R20E  
 S30 | S29

S31 | S32

1927

From which,

- A juniper, 5 ins. diam., bears N. 52°45' W., 153 lks. dist., marked BT. Tree too scrubby for other marks and no other suitable bearing trees available.
- Land, broken, with a general northeasterly and northwesterly exposure and drainage.

SUBDIVISION, T. 29 S., R. 20 E.

Chain

Soil, shallow, loose, sand, clay, and rock; 4th rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

East, on random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.88 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 28, 29, 32 and 33.

Thence,

N.  $89^{\circ}58'$  W., on true line bet. secs. 29 and 32.

Ascend gradually over broken land through scattered timber and undergrowth.

4.70 Spur, 60 ft. above cor., projects N.; descend abrupt W. slope.

38.50 The N. point of rocky spur; thence along broken N. slope.

39.94 On broken N. slope, 250 ft. below top of spur.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S29  
 $\frac{1}{4}$   
S32  
1927

From which,

A juniper, 10 ins. diam., bears N.  $15^{\circ}15'$  E., 37 lks. dist., marked  $\frac{1}{4}$  S29 BT.

A juniper, 8 ins. diam., bears S.  $47^{\circ}$  W., 19 lks. dist., marked  $\frac{1}{4}$  S32 BT.

57.00 Indian Creek, stream of good water, 20 lks. wide, 18 ins. deep, in bottom of Indian Creek Canyon, 100 ft. below the  $\frac{1}{4}$  sec. cor., flows NW. At this point is mouth of of draw which drains from the S.  $80^{\circ}$  E. A grey limestone ledge on E. side of bottom of canyon, bears NW. and SE. Scattered cotton-wood trees along bottom



SUBDIVISION, T. 29 N., R. 20 E.

Chains

Chains

of canyon. Note: The stream of water in this canyon is not permanent but was crossed during the period of high water. Thence over bottom of canyon.

68.00 Sandstone ledge, 100 ft. high, bears NW. and S.

71.80 Spur, 320 ft. above bottom of Indian Creek Canyon, projects N. 30° W.; descend gradual SW. slope.

79.88 The cor. secs. 29, 30, 31 and 32, 40 ft. below spur.

Land, broken by ledges, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

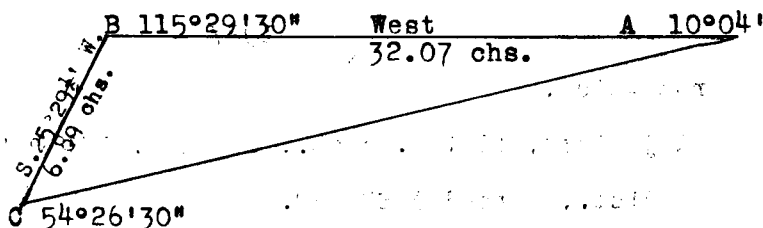
Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered juniper and pinon. Scattered cottonwood along bottom of Indian Creek Canyon.

Fair grazing.

West, on random line bet. secs. 30 and 31.

Inaccessible ledges make chaining to the W. of the cor. secs. 29, 30, 31 and 32, impracticable, I therefore triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line W. From flag "B", measure base line "BC", S. 25°29'30" W., 6.89 chs. dist., from which point, flags "AB" subtend an angle of 54°26'30".



Distance by triangulation 32.07 chs.

32.07 To point "B" of triangulation; thence by chaining.

40.00 Set temp. 4 sec. cor.

79.98 Intersect the W. bdy. of the township, 21 lks. S. of the cor. secs. 25, 30, 31 and 36, heretofore described.

Thence,

S. 69°51' E., on true line bet. secs. 30 and 31.

Descend abruptly over broken N. slope into canyon, through scattered undergrowth and timber.

23.00 Wash, 15 ins. wide, 3 ft. deep, in bottom of canyon, 160 ft. below cor.; drains NE.; ascend abruptly over broken SE. breaks of canyon.

39.96 Near top of abrupt ascent on surface rock, mark a cross "X", over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

930  
—  
931

1927

No other suitable accessories available.

47.89 To point "B" of triangulation at top of ridge, 300 ft. above bottom of canyon, bears NE. and SW. Thence by triangulation over inaccessible ledges, giving approximate distances to topography.

66.00 Top of left rim of canyon, 75 ft. high, bears NE. and SW.

71.50 Bottom of canyon, 200 ft. below ridge, drains NE.; ascend abrupt SE. breaks of canyon.

74.00 Top of right rim of canyon, 75 ft. high, bears NE. and SW.

79.96 To point "A" of triangulation at the cor. secs. 29, 30, 31 and 32, 150 ft. above bottom of canyon.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered scrub juniper and pinon.

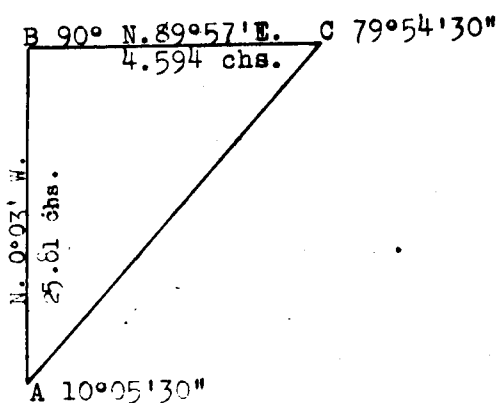
Fair grazing.

## SUBDIVISION, T. 22 N., R. 20 E.

Chains

miles

N.  $0^{\circ}03'$  W., bet. secs. 29 and 30. The line to the N. of the cor. secs. 29, 30, 31 and 32, passes through scattered undergrowth and timber and over the inaccessible breaks of deep canyon over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the N. From flag "B", measure base line "BC", N.  $89^{\circ}57'$  E., 4.594 chs. dist., from which point, flag "AB" subtend an angle of  $79^{\circ}54'30''$ .



Distance by triangulation 25.81 chs.

Approximate distances to topography on triangulated distance.

- 3.40 Top of right rim of canyon, 100 ft. high, bears NE. and SW.
- 10.00 Wash, 20 lks. wide, 3 ft. deep, in bottom of canyon, 200 ft. below cor., drains NE. Thence along broken E. slope of left breaks of canyon.
- 21.80 Indian Creek, stream 30 lks. wide, (high water) and 1 ft. deep, in bottom of Indian Creek Canyon, flows W., 2.00 chs. dist. thence N. Thence along E. side of canyon.
- 23.00 Sandstone rim, 20 ft. high, bears E. and W.
- 25.81 To point "B" of triangulation; thence by chaining over broken E. breaks of Indian Creek Canyon.
- 35.80 Spur, 130 ft. above bottom of Indian Creek Canyon, projects W.; descend abrupt NE. slope of spur.
- 39.60 Sandstone rim, 50 ft. high, bears E. and W.
- 40.00 On surfacerock, mark a cross (X), over which:

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

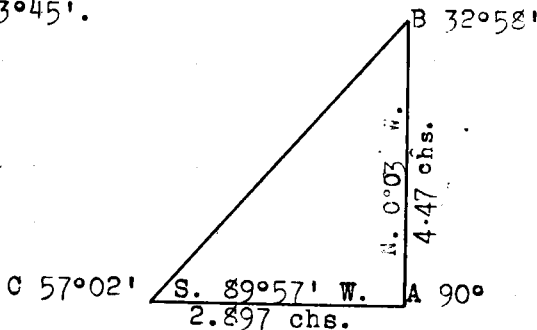
$\frac{1}{4}$   
 S30 | S29  
 1927

No other suitable accessories available.

42.10 Top of rimrock, 50 ft. high, bears NE. and SW.

44.50 Indian Creek, stream 30 lks. wide, 1 ft. deep (high water) in bottom of Indian Creek Canyon, 200 ft. below the  $\frac{1}{4}$  sec. cor. and 250 ft. below spur, flows NE.

From this point, a vertical rim on left side of canyon makes chaining impracticable, I therefore triangulate as follows. Erect flag "A" at a point, 1.96 chs. N.  $0^{\circ}03'$  W. from the  $\frac{1}{4}$  sec. cor. and flag "B" on line to the N. From flag "A", measure base line "AC", S.  $89^{\circ}57'$  W., 2.897 chs. dist., from which point, flags "AB" subtend an angle of  $57^{\circ}02'$ . Vertical angle from "A" to "B" is plus  $23^{\circ}45'$ .



Distance by triangulation 4.47 chs.  
 Distance on line 41.96 chs.  
 46.43 chs.

46.43 To point "B" of triangulation at top of rimrock, 250 ft. high, bears NE. and SW. Thence by chaining over broken E. slope.

52.45 Base of S. side of sandstone dome, 30 ft. high, 40 ft. diam., over which I am unable to chain, I therefore run on traverse and offsets as follows.

N.  $1^{\circ}57'$  E., 9.03 chs. dist.

West, 2.82 chs. dist. to:

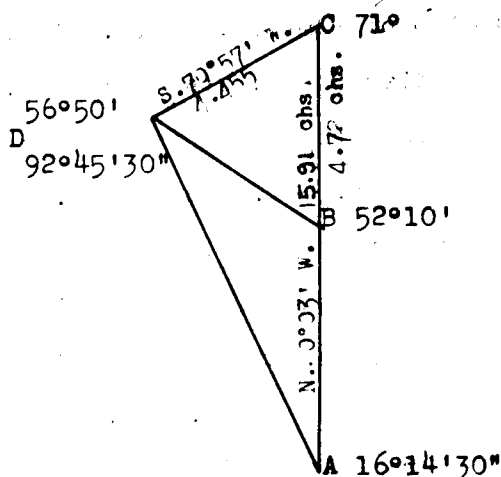
61.47 Point on true line, thence on true line.

61.84 Broken rims and breaks make chaining to the N. of this

Chains

671800

point make chaining impracticable, & therefore triangulate as follows. Erect flag "A" at this point and flags "B" and "C" on line to the N. From flag "C", measure base line "CD", S. 70°57' W., 4.455 chs. dist. from which point, flags "BC" subtend an angle of 56°50' and flags "AC" subtend an angle of 92°45'30".



|                                      |                   |
|--------------------------------------|-------------------|
| Distance on line                     | 61.84 chs.        |
| Distance by triangulation "A" to "C" | 15.91 chs.        |
|                                      | <u>77.75 chs.</u> |
| Distance by triangulation "B" to "C" | 4.72 chs.         |
|                                      | <u>73.03 chs.</u> |

Approximate distances to topography on triangulated distances.

- 66.00 Indian Creek, stream of good water, 20 lks. wide, 2 ft. deep, (high water) in bottom of Indian Creek Canyon, flows NW.
- 73.03 To point "B" of triangulation on the W. point of spur, 250 ft. above creek.
- 75.50 Recross Indian Creek, 260 ft. below point of spur, flows NE.
- 77.75 To point "C" of triangulation at top of left rim of Indian Creek, 75 ft. high, bears NE. and SW. Thence by chaining over broken SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for cor. secs. 19, 20, 29 and 30, with brass cap marked

T29S R20E

819 820

830 829

Chains

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges with a general easterly and westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

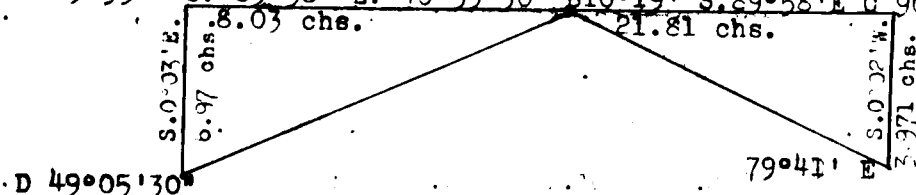
Timber, scattered juniper and pinon.

Fair grazing.

S. 89°58' E., on random line bet. secs. 20 and 29.

Broken sandstone ledges make chaining to the E. of the cor. secs. 19, 20, 29 and 30, impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flags "B" and "C" on line to the east. From "A", measure base line "AD", S. 0°03' E., 6.97 chs. dist., from which point, "AB" subtends an angle of 49°05'30". From "C", measure base line "CE", S. 0°02' W., 3.971 chs. dist., from which point, "BC" subtends an angle of 79°41'.

A 89°55' S. 89°58' E. 40°59'30" B 10°19' S. 89°58' E C 90°



Distance by triangulation "A" to "B" 8.03 chs.  
Distance by triangulation "B" to "C" 21.81 chs.  
29.84 chs.

29.84 To point "C" of triangulation; thence by chaining.

30.44 Left flag for triangulation.

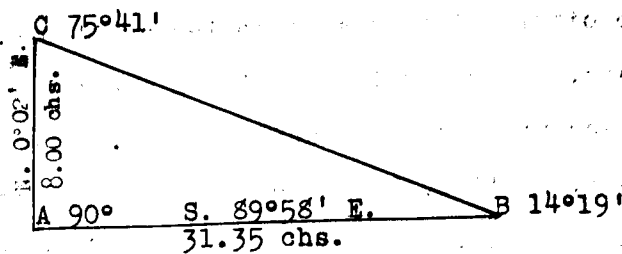
40.00 Set temp.  $\frac{1}{4}$  sec. cor.

41.50 The inaccessible rims of canyon make chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at the 30.44 chs. point and flag "B" on line to the E. From flag "A", measure

# SUBDIVISION, T. 29 S., R. 20 E.

Chains

base line "AC", N. 0°02' E., 8.00 chs. dist. from which point, flags "AB" subtend an angle of 75°41'.



Distance on line  
Distance by triangulation

30.44 chs.  
31.35 chs.  
61.79 chs.

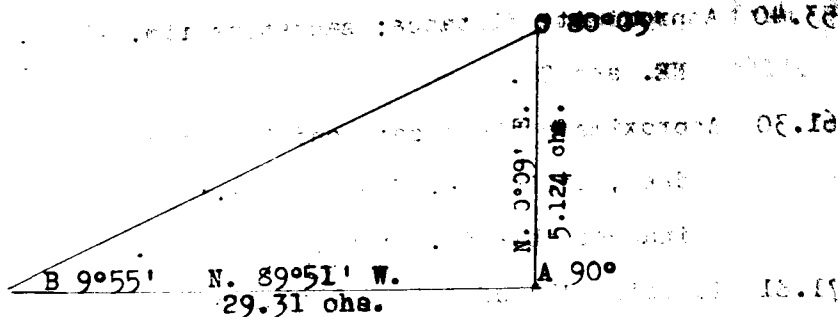
- 61.79 To point "B" of triangulation; thence by chaining.
- 79.84 Intersect the N. and S. line, 9 lks. S. of the true point for the cor. secs. 20, 21, 28 and 29, which is N. 0°03' 30 lks. dist. from the witness cor. to said secs.
- Thence,
- From the true point for the cor. secs. 20, 21, 28 and 29. S. 89°58' W., on true line bet. secs. 20 and 29.
- Over broken land through scattered undergrowth.
- 8.80 Top of left rim of canyon, 60 ft. high, bears N. and S.
- 10.00 The N. point of sandstone spur, 40 ft. high.
- 18.05 To point "B" of triangulation at top of right rim of canyon, bears NW. and SE. Thence by triangulation over the inaccessible breaks of canyon.
- 32.00 Approximate distance; bottom of canyon, 150 ft. deep, drains NW.
- 38.34 Top of left rim of canyon, 150 ft. above bottom, bears NW. and SE., 75 ft. high; thence by chaining.
- 39.92 On surfacerock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\frac{1}{4} \frac{S20}{S29}$$
- From which; 1927.
- Point on ledge, marked  $\frac{1}{4}$  X BC, bears S. 29°39' E., 16 lks.
- 49.40 To point "A" of triangulation; thence by chaining.
- 49.80 Spur, 40 ft. high, projects NW.
- 50.00 To point "C" of triangulation; thence by triangulation

| Chains |  |
|--------|--|
| 53.40  | Approximate distance; sandstone rim, 40 ft. high, bears NE. and SW.  |
| 61.30  | Approximate distance; bend in bottom of canyon, 150 ft. deep, drains NW. from the NE.; ascend abruptly over inaccessible SW. breaks of canyon.   |
| 71.81  | To point "B" of triangulation at top of left rim of canyon, 200 ft. high; thence across top of ledge projecting NW.  |
| 72.00  | Approximate distance; top of right rim of Indian Creek Canyon, bears NE. and SW.; descend abruptly over ledges into Indian Creek.  |
| 73.30  | Sandstone rim, 10 ft. high, bears NW. and SE.  |
| 74.30  | Indian Creek, stream 30 lks. wide, 1 ft. deep, (high water ) in bottom of Indian Creek Canyon, 250 ft. below top of right rim, flows NW.; ascend abrupt inaccessible SW. breaks of canyon.   |
| 79.20  | Sandstone rim, 75 ft. high, bears NW. and SE.  |
| 79.84  | The cor. of secs. 19, 20, 29 and 30, 75 ft. above bottom of canyon.<br>Land, broken by ledges with a general northwesterly exposure and drainage.<br>Soil, shallow, loose, sand, clay, and rock; 3rd rate.<br>Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.<br>Timber, scattered juniper and pinon.<br>Fair grazing. |
|        | N. 89°51'W., on random line bet. secs. 19 and 30.  |
| 40.00  | Set temp. & sec. cor.  |
| 41.38  | Broken breaks of canyon makes chaining to the W. of this point impracticable, I therefore triangulate as follows.<br>Erect flag "A" at this point and flag "B" on line to the W. From flag "A", measure base line "AB", N. 0°09' E. 5.124 chs. dist., from which point, flags "AB" subtend an angle of 80°05'.   |



## SUBDIVISION, T1029 N14 R20 E.

Chains



|                           |                   |
|---------------------------|-------------------|
| Distance on line          | 41.38 chs.        |
| Distance by triangulation | 29.31 chs.        |
|                           | <u>70.69 chs.</u> |

- 70.69 To point "B" of triangulation; thence by chaining
- 79.59 Intersect the W. bdy. of the township, 5 lks. S. of the cor. secs. 19, 24, 25 and 30, heretofore described.
- Thence,
- S. 89°49' E., on true line bet. secs. 19 and 30.
- Ascend abruptly over broken W. slope through scattered undergrowth.
- 8.00 Ridge, 220 ft. above cor., bears N. and S.; descend abruptly over broken NE. slope.
- 8.90 To point "B" of triangulation at top of inaccessible W. breaks of canyon, bears N. and S.; thence by triangulation, giving approximate distance to topography
- 13.50 Top of left rim of canyon, bears N. and S.
- 17.50 Wash, 30 lks. wide, 3 ft. deep, in bottom of canyon, drains N., 250 ft. below ridge.
- 22.50 Top of right rim of canyon, 75 ft. high, bears NE. and SW. continue ascent.
- 38.21 To point "A" of triangulation; thence by chaining.
- 38.60 Spur, 250 ft. above bottom of canyon, projects N.; continue gradual ascent.
- 39.59 On surfacerock, mark a cross (X), over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- 819  
+  
830  
-----  
1927
- No other suitable accessories available.
- 45.00 Top of narrow spur, 50 ft. above last spur, projects NE.

79.59 The bor. secs. 19, 20, 29 and 30, 350 ft. below spur.

Water exposure and drainage: exposed to weather

dry Undergrowth, scattered shade, sagebrush, mountain

To do: No timber; cut to clear: 100 ft. x 100 ft.

[illegible]

The line to the N. of the cor. secs. 19, 20, 29 and 30,

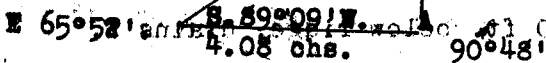
I am unable to chain, I therefore triangulate as

and 30, and flags "B", "C", and "D" on line to the N.

from which point, flags "AB" subtend an angle of  $65^{\circ}52'$ .

10.61 chs. dist. from which point, flags "BC" subtend

D 17°20'



## SUBDIVISION, T. 29 S., R. 20 E.

| Chains |  |
|--------|--|
|        | Distance by triangulation "A" to "B" 9.40 chs.   |
|        | Distance by triangulation "B" to "C" 29.41 chs.  |
|        | Distance by triangulation "C" to "B" 38.81 chs.  |
|        | 71.26 chs.   |
|        | Approximate distances to topography on triangulated distances.   |
| 8.00   | Top of left rim of Indian Creek Canyon, 150 ft. high, bears NE. and SW.  |
| 9.40   | To point "B" of triangulation at top of spur on top of left rim of Indian Creek Canyon, spur, projects E., 180 ft. above cor., rim of canyon, bears E. and W.                |
| 13.50  | Indian Creek, stream 30 lks. wide, 3 ft. deep, (high water), in bottom of Indian Creek Canyon, 300 ft. below spur, flows NW.   |
| 17.00  | Recross Indian Creek, flows NE.  |
| 30.80  | The NE. point of spur, 300 ft. high.   |
| 38.00  | Recross Indian Creek, flows W.   |
| 38.81  | To point "C" of triangulation at top right rim of canyon, 300 ft. high, bears E. and W.; thence by chaining.   |
| 39.58  | Spur, projects W., 40 ft. above rim of canyon.   |
| 40.00  | On surfacerock, mark a cross (X), over which:<br>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked. |
|        | $\frac{1}{4}$<br>S19   S20<br>1927   |
|        | No other suitable accessories available.   |
|        | Thence by triangulation over inaccessible rims of canyon.  |
| 41.00  | Top of left rim of canyon, 300 ft. high, bears E. and W.   |
| 48.00  | Wash, 30 lks. wide, 4 ft. deep, in bottom of canyon, drains W.,  |
| 52.00  | Top of N. rim of canyon, 300 ft. high, bears E. and W.   |
| 71.26  | Top of low ridge, at point "D" of triangulation, bears E. and W.; thence by chaining; descend gradual N. slope of ridge.   |
| 77.20  | Small draw, 70 ft. below ridge, drains W.  |

Chain

30.00 On gradual S. slope of surface creek, 65 ft. above draw, mark a cross (X), over which  
 30.00 Set and iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 17, 18, 19 and 20, with brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S18  | S17  |
| S19  | S20  |

1927

From which,  
 A point on face of ledge, marked X BO S20, bears S. 82°30' E., 40 lks. dist.  
 No other suitable accessories available.  
 Land, broken by ledges, with a general northerly exposure and drainage.  
 Soil, shallow, loose, sand, clay, and rock; 3rd rate.  
 Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.  
 No timber.  
 Fair grazing.

N. 89°58' E., on random line bet. secs. 17 and 20.

40.00 Set temp.  $\frac{1}{4}$  sec. cor..  
 79.58 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 16, 17, 20 and 21.

Thence,

N. 89°59' W., on true line bet. secs. 17 and 20.

Descend abrupt W. slope of broken land through scattered undergrowth.

24.00 Wash, 50 lks. wide, 4 ft. deep, in bottom of canyon, 170 ft. below cor., drains S.; ascend abrupt E. slope.

32.00 The S. point of spur, 250 ft. above canyon; descend abrupt SW. slope.

36.50 Wash, 30 lks. wide, 4 ft. deep, in bottom of canyon, 200 ft. below point of spur, drains S.; ascend abrupt E. slope.

## SUBDIVISION, T1N29S., R. 20 E.

Chains

Anlaid

39.00 Top of right rim of canyon, 140 ft. high, where road  
continue gradual ascent

39.94 On surface rock, 40 ft. above rim of canyon; mark a cross  
(X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} S17 \\ \frac{1}{4} \\ S20 \end{array}$$

1927

From which,

A point on face of ledge, marked BO X  $\frac{1}{4}$ , bears North,  
2 lks. dist.

No other suitable accessories available.

49.50 Top of descent over abrupt W. slope, 60 ft. above the  
 $\frac{1}{4}$  sec. cor., bears N. and S.

51.30 Base of abrupt descent, bears NW. and SE.; thence  
descend gradual SW. slope.

75.50 Top of rimrock, 20 ft. high, bears NW. and SE.

79.88 The cor. secs. 17, 18, 19 and 20, 200 ft. below top of  
descent.

Land, broken by ledges with a general southerly exposure  
and drainage.

Soil, shallow, loose, sand, clay, and rock; 4th rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

No timber.

Fair grazing.

N.  $89^{\circ}49'$  W., on random line bet. secs. 18 and 19.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.80 Intersect the W. bdy. of the township, 3 lks. S. of the  
cor. secs. 13, 18, 19 and 24, heretofore described.

Thence,

S.  $89^{\circ}48'$  E., on true line bet. secs. 18 and 19.

Ascend abruptly over broken ledges through scattered undergrowth.

- 3.00 Spur, 100 ft. above cor., projects N.; descend gradually over broken NE. slope.
- 30.50 Top of left rim of Indian Creek, 70 ft. high, bears N. 20° E. and S. 20° W.
- 34.20 Indian Creek, stream of good water, 30 lks. wide, 1 ft. deep, (high water) in bottom of Indian Creek Canyon, 300 ft. below spur, flows N. 15° E.; ascend abrupt E. breaks of canyon.
- 39.50 On top of E. rim of canyon, 70 ft. high, bears N. 20° E. and S. 20° W., mark a cross (X) on the surfacerock, over which:  
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S18  
 $\frac{1}{4}$  —————  
S19  
1927

From which,

- A point on ledge, marked  $\frac{1}{4}$  X BC, bears N. 76°13' E., 112 lks. dist.
- A point on ledge, marked  $\frac{1}{4}$  E BO, bears S. 58°34' E., 97 lks. dist.
- 44.20 Spur, 50 ft. above the  $\frac{1}{4}$  sec. cor., projects SW.; continue ascent along SW. slope.
- 61.20 Spur, 100 ft. above the  $\frac{1}{4}$  sec. cor., projects SW.; descend abrupt E. slope.
- 70.50 Draw, 250 ft. below spur, drains SW.; ascend abrupt W. slope over ledges.
- 79.50 The cor. secs. 17, 18, 19 and 20, 360 ft. above draw. Land, broken by ledges, with a general northeasterly and southwesterly exposure and drainage.
- Soil, shallow, loose, sand, clay, and rock; 4th rate. Undergrowth, scattered shadscale, mountain rush, yellow top, sage and black brush.
- No timber. Fair grazing.

## Chains

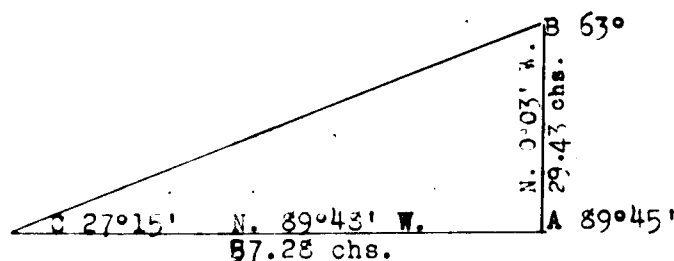
N.  $0^{\circ}03'$  W., bet. secs. 17 and 18.

Over broken ledges through scattered undergrowth.

.40 Low sour, projects W.

1.00 Top of S. rim of draw, 150 ft. high, bears E. and W.

As the inaccessible breaks of a draw, make chaining to the N. of this point impracticable, I triangulate as follows. Erect flag "A" at the cor. secs. 17, 18, 19 and 20, and flag "B" on line to the E. Erect flag "C" at a point, N.  $89^{\circ}43'$  W., 57.28 chs. dist. from the cor. of secs. 17, 18, 19 and 20, and from which point, flags "AB" subtend an angle of  $27^{\circ}15'$ .



Distance by triangulation 29.43 chs.

12.00 Approximate distance; bottom of draw, 200 ft. deep, drains SW.

29.43 To point "B" of triangulation; thence by chaining,

30.00 Spur, 200 ft. above draw, projects N.  $30^{\circ}$  E.; continue ascent along broken SW. slope.

40.00 On surfacerock, 300 ft. above draw, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S18 | S17  
 1927

No other suitable accessories available.

51.90 Sour, 30 ft. above the  $\frac{1}{4}$  sec. cor., projects NW.; descend gradual NE. slope.

53.00 On gradual NW. slope of surfacerock, 70 ft. below top of spur, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in

SUBDIVISION: Tt 2905, R20 E.

Corrins

mound of stone, for cor. secs. 7, 8, 17 and 18, with  
brass cap marked.

|      |      |
|------|------|
| T29S | R20E |
| S7   | S8   |
| S18  | S17  |
| 1927 |      |

No other suitable accessories available.

Land, broken by ledges, with a general southwesterly  
and northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow  
top, sage, and black brush.

No timber.

Fair grazing.

S. 89°59' E., on random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.72 Intersect the N. and S. line, 19 lks. S. of the cor. secs.  
3, 9, 16 and 17.

Thence,

S. 89°53' W., on true line bet. secs. 8 and 17.

Ascend gradually over broken SE. slope through scattered  
undergrowth.

3.50 Gap in spur, 40 ft. above cor., projects NW.; descend  
gradual W. slope.

7.20 Draw, 75 ft. below spur, drains NW.; ascend gradual NE.  
slope.

39.86 On abrupt NE. slope of surfacerock, 140 ft. above draw,  
mark a cross (X), over which:

Set an iron-post, 3 ft. long, 1 in. diam., 30 ins. in a  
mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |
|---------------|
| S8            |
| $\frac{1}{4}$ |
| S17           |
| 1927          |

From which,

A cross (X), out in face of ledge, bears S. 32°45' W.,



## SUBDIVISION, T. 29 S., R. 28 E.

| Chains |   |
|--------|---|
|        | <p>15 lks. dist. mkd. B O</p> <p>A cross (X), cut in ledge, bears N. <math>15^{\circ}20'</math> W., 16 lks. dist. mkd. B O</p> <p>Continue ascent along NE. slope.</p>                          |
| 45.00  | Spur, 30 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradual NW. slope.   |
| 58.60  | Draw, 80 ft. below spur, drains N. $10^{\circ}$ W.; ascend gradual NE. slope.   |
| 78.40  | Slope changes from the NE. to the N.  |
| 79.72  | The cor. secs. 7, 8, 17 and 18, 170 ft. above draw. Land, broken by ledges, with a general northerly exposure and drainage.   |
|        | Soil, shallow, loose, sand, clay, and rock; 3rd rate. Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.   |
|        | No timber.  |
|        | Fair grazing.   |
|        | <hr/>   |
|        | N. $89^{\circ}48'$ W., on random line bet. secs. 7 and 18.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |
| 79.84  | Intersect the W. bdy. of the township, at the cor. secs. 7, 12, 13 and 18, heretofore described.  |
|        | Thence,   |
|        | S. $89^{\circ}48'$ E., on true line bet. secs. 7 and 18.  |
|        | Descend abruptly over broken E. slope of ledges through scattered undergrowth.  |
| 4.30   | Indian Creek, stream of good water, 30 lks. wide, 18 ins. deep, (high water), in bottom of Indian Creek Canyon, 80 ft. below cor., flows N. $15^{\circ}$ W.; ascend abrupt E. breaks of canyon. |
| 27.20  | Spur, 270 ft. above canyon, projects NW.; descend abrupt NE. slope.   |
| 34.40  | Draw, 110 ft. below spur, drains NW.; ascend gradual SW. slope.   |

Casins

- 38.20 Hedge, 50 ft. high, bears N. 75° W. and S. 75° E.
- 39.84 On gradual SW. slope, 130 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\begin{array}{r} S7 \\ \frac{1}{4} \text{ --- } \\ S18 \end{array}$$

1927
- Deposit a sandstone, 7 x 5 x 4 ins., at base of post, marked with a cross (X).
- No other suitable accessories available.
- 61.00 Spur, 270 ft. above the  $\frac{1}{4}$  sec. cor., projects NW.; descend gradual NE. slope.
- 65.30 Head of draw, 50 ft. below spur, drains NW.; ascend gradual SW. slope.
- 79.84 The cor. secs. 7, 8, 17 and 18, 70 ft. above head of draw. Land, broken, with a general northwesterly exposure and drainage.
- Soil, shallow, loose, sand, clay, and rock; 3rd rate.
- Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.
- No timber.
- Fair grazing.
- 
- N. 0°03' W., bet. secs. 7 and 8.
- Descend gradually over broken N. slope of ledges through scattered undergrowth.
- 9.20 Top of abrupt descent over N. slope, bears E. and W.
- 15.90 Head of draw, 340 ft. below cor., drains NW.; ascend gradual SW. slope.
- 34.40 Sandstone point, 50 ft. high, on top of spur, 180 ft. above head of draw, projects NW., 5.00 chs. dist.; descend gradual NE. slope.
- 36.90 Bottom of Rustler Canyon, 60 ft. below spur, drains N. 75° W.; ascend gradual SW. slope.

SUBDIVISION, T. 22 S. R. 20 E.

Chains

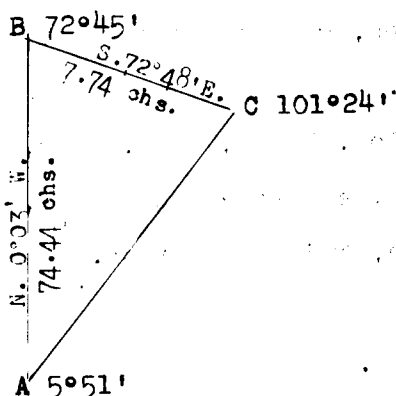
ended

- 40.00 On gradual SW. slope, 10 ft. above bottom of canyon.  
Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock and 27 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S7 | S8  
 1927

Deposit a sandstone, 6 x 4 x 3 ins., at base of post, marked with a cross (X).  
No other suitable accessories available.

- 49.20 The high broken S. breaks of mesa make chaining to the N. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 7, 8, 17, and 18, and flag "B" on line to the N. From flag "B", measure base line "BC", S.  $72^{\circ}48'$  E., 7.74 chs. dist., from which point, flags "AB" subtend an angle of  $101^{\circ}24'$ .



Distance by triangulation 74.44 chs.

- 74.44 To point "B" of triangulation at top of S. breaks of mesa, 300 ft. high, bears E. and W.; thence by chaining over broken top of mesa.

- 80.00 On broken top of mesa.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock and 6 ins. in a mound of stone, for cor. secs. 5, 6, 7 and 8, with brass cap marked.

T298 | R20E  
 S6 | S5  
 S7 | S8  
 1927

From which;

point on ledge, marked 88 X 80, bears S. 51° 39' E.,  
188 lks. distant.

No other suitable accessories available.

Land, broken by ledges, with a general southerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage and black brush.

No timber.

Fair grazing.

N. 89° 53' E., on random line bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.84 Intersect the N. and S. line, 28 lks. N. of the cor.  
secs. 4, 5, 8 and 9.

Thence,

N. 89° 55' W., on true line bet. secs. 5 and 8.

Ascend abruptly over E. face of ledges through scattered undergrowth.

1.80 Top of ledge, 30 ft. high, bears N. and S.

9.70 Top of mesa, 140 ft. above cor., bears NE. and SW.;  
thence along broken S. rim of mesa.

13.50 Top of gradual descent over broken SW. slope, bears  
NW. and SE.

17.40 Small draw, 100 ft. below mesa, drains SE.; ascend  
broken NE. slope.

21.50 Ridge, 100 ft. above draw, bears NW. and SE.

33.80 Head of box canyon, 100 lks. wide, 60 ft. deep, 250 ft.  
below ridge, drains SW.; ascend gradual SE. slope.

37.00 Spur, 50 ft. above canyon, projects SW.; descend  
gradual NW. slope.

38.00 Small box canyon, 30 ft. below spur, drains SW.; ascend  
gradual SE. slope.

39.92 On SE. slope, 20 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the

SUBDIVISION, T. 29 N., R. 20 E.

Chains

ground to bedrock and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{85}{88}$

1927

Deposit a limestone, 7 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

51.00 Spur, 80 ft. above the  $\frac{1}{4}$  sec. cor., projects SW.; descend gradual NW. slope.

60.40 Draw, 80 ft. below spur, drains S.; ascend gradual E. breaks of mesa.

70.00 Top of E. rim of mesa, 140 ft. above draw, bears N. and S.; thence over broken top of mesa.

79.84 The cor. secs. 5, 6, 7 and 8.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

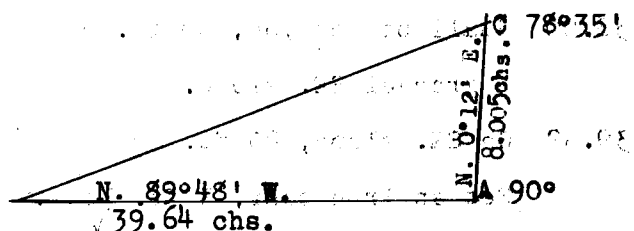
Fair grazing.

N.  $89^{\circ}48'$  W., on random line bet. secs. 6 and 7.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

40.70 The line to the W. passes over the inaccessible W. breaks of mesa over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the  $\frac{1}{4}$  sec. cor. and flag "B" on line to the W. From flag "A", measure base line "AC", N.  $0^{\circ}12'$  E., 8.005 chs. dist., from which point, flags "AB" subtend an angle of  $78^{\circ}35'$ .

B  $11^{\circ}25'$



Distance on line 40.00 chs.  
 Distance by triangulation 39.64 chs.  
 .0 line 2 .acac .jed and erts do 79.64 chs.

79.64 To point "A" of triangulation at a point 7 lks. S. of the cor. secs. 1, 6, 7 and 12, on the W. bdy. of the township, heretofore described.

Thence,

S. 89° 45' E.; on true line bet. secs. 6 and 7.

By triangulation, over the inaccessible W. breaks of mesa through scattered undergrowth.

38.94 Top of W. breaks of mesa, 300 ft. above cor., bears N. 2° 30' E. and S.W.; thence by chaining over broken top of

79.64 To point "A" of triangulation; on surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} 86 \\ 1 \\ \hline 87 \end{array}$$

1927

No other suitable accessories available.

Continue by chaining over broken top of mesa.

45.10 Low spur, projects N. 10° W.

79.64 The cor. secs. 5, 6, 7 and 8.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 4th rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Not timbered.

Fair grazing.

N. 0° 16' E., on random line bet. secs. 5 and 6.

Set temp.  $\frac{1}{4}$  sec. cor.

80.35 Intersect the N. bdy. of the township, 12 lks. E. of the cor. secs. 5, 6, 31 and 32, heretofore described.

# SUBDIVISION, T. 29 S., R. 20 E.

Chains

ended

Thence,

S. 0°11' W., on true line bet. secs. 5 and 6.

Ascend gradually over broken land through scattered undergrowth.

14.40 Spur, 130 ft. above cor., projects NW.; descend gradual S. slope.

20.30 Draw, 100 ft. below spur, drains W.; ascend gradual N. slope.

38.30 Top of ascent, 130 ft. above draw, bears NW. and SE.; descend gradual S. slope.

40.35 On gradual S. slope, 30 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S6 | S5  
1927

Deposit a sandstone, 10 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

40.30 Head of draw, 20 ft. below the  $\frac{1}{4}$  sec. cor., drains SW.; ascend gradual NW. slope.

41.30 Rocky spur, 50 ft. above head of draw, projects W.; descend gradual S. slope.

43.70 Head of draw, 50 ft. below spur, drains NW.; ascend gradual NE. slope.

57.30 Low spur, 100 ft. above head of draw, projects SW.; descend gradual SE. slope.

60.35 The cor. secs. 5, 6, 7 and 8, 20 ft. below spur.

Land, broken, with a general southeasterly and northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

No timber.

Fair grazing.

Chains

MEANDERS OF THE RIGHT BANK OF COLORADO RIVER, DOWN STREAM.

From the true point for the meander cor. secs. 6 and 31, on the right bank of the Colorado River and on the N. boundary of the township, which is East, 13 lks. dist. from the witness cor. to said cor., heretofore described:

Thence, with meanders in sec. 6.

Along rocky bank with medium small undergrowth to the right of line.

S. 36°45' E., 5.70 chs.

S. 42°00' E., 6.20 chs.

S. 40°00' E., 7.60 chs.

S. 34°00' E., 10.70 chs.

S. 22°30' E., 14.60 chs. Thence along alluvial bank 4 to 6 ft. high through dense undergrowth and scattered boxelder trees to right of line.

S. 15°45' E., 5.20 chs.

S. 7°00' E., 5.00 chs.

S. 13°15' W., 2.30 chs.

S. 17°00' W., 5.50 chs.

S. 37°30' W., 4.10 chs.

S. 27°45' W., 4.50 chs.

S. 41°45' W., 7.40 chs.

S. 64°30' W., 6.40 chs.

S. 74°15' W., 1.50 chs.

S. 80°15' W., 5.20 chs.

S. 84°30' W., 3.20 chs.

West, 23.30 chs.

N. 85°45' W., 5.50 chs. To the true point for the meander cor. secs. 1 and 6, on the W. bdy. of the township, which is South, 32 lks. dist. from the witness cor. to said cor., heretofore described.

Land, river bottom and rocky slopes.

Soil, deep, loose, sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood, willows,

vitonewood, poison oak, black, and rabbit brush.



MEANDERS, T. 29 S., R. 20 E.

entladO

MEANDERS OF THE RIGHT BANK OF COLORADO RIVER, DOWN STREAM

Timber, scattered boxelder, on portion of meanders.

Fair grazing.

MEANDERS OF THE LEFT BANK OF COLORADO RIVER, UP STREAM.

From the true point for the meander cor. secs. 1 and 6, on the W. bdy. of the township, which is North, 10 lks. dist. from the witness cor. to said cor., heretofore described:

Thence, with meanders in sec. 6.

Along sandy bank through dense undergrowth.

N. 81°45' E., 5.60 chs. Thence along rocky bank.

N. 87°45' E., 5.10 chs.

N. 82°00' E., 4.50 chs.

N. 76°45' E., 6.10 chs.

N. 73°00' E., 5.10 chs.

N. 75°00' E., 2.80 chs.

N. 45°45' E., 6.10 chs.

N. 47°30' E., 9.30 chs.

N. 31°00' E., 4.80 chs.

N. 3°15' E., 2.70 chs.

N. 19°15' E., 3.10 chs.

N. 30°15' E., 4.40 chs.

N. 48°45' E., 1.80 chs.

N. 16°45' E., 2.30 chs.

N. 5°45' E., 5.60 chs.

N. 19°30' W., 3.90 chs.

N. 15°15' W., 4.50 chs. At the end of this course, the mouth of small wash from N. 60° E. Thence along sandy bank 4 to 8 ft. high through dense undergrowth.

N. 29°45' W., 9.10 chs.

N. 38°15' W., 6.00 chs.

N. 40°45' W., 10.00 chs.

N. 31°15' W., 14.40 chs. To the true point for the

at MEANDERS OF THE LEFT BANK OF COLORADO RIVER, UP STREAM.

meander cor. secs. 6 and 31, on the N. bdy. of the township, which is N. 89°59' W., 53 lks. dist. from the witness cor. to said cor., heretofore described.

Land, river bottom and rocky slopes.

Soil, deep, loose, sand, and surfacerock; 3rd rate.

Undergrowth, dense greasewood, willows, iron wood, poison oak, black, and rabbit brush.

No timber.

Fair grazing.

CLOSING ERRORS, T. 29 S., R. 20 E.

| Lines designated.                   | True bearings. | Dist-ances. Chs. | Latitudes. |        | Departures. |        |
|-------------------------------------|----------------|------------------|------------|--------|-------------|--------|
|                                     |                |                  | N.         | S.     | E.          | W.     |
| N. Bdy. T29S R20E                   | N. 89°59' W    | 479.97           | .14        |        |             | 479.97 |
| W. Bdy. T29S R20E                   | South          | 430.00           |            | 430.00 |             |        |
| S. Bdy. T29S R20E                   | East           | 480.00           |            |        | 480.00      |        |
| E. Bdy. T29S R20E                   | North          | 430.00           | 430.00     |        |             |        |
| Convergency                         | West           | .57              |            |        |             | .57    |
|                                     |                |                  | 430.14     | 430.00 | 430.00      | 430.54 |
|                                     |                |                  | 480.00     |        |             | 480.00 |
| Errors, in latitudes and departures |                |                  | 0.14       |        |             | 0.54   |

GENERAL DESCRIPTION, T. 29 S., R. 20 E.

The land within the boundaries of this township, is exceedingly rough, being broken by the breaks of the Colorado River, Rustler Canyon, Indian Creek, and Hatch Point.

Hatch Point is located in the northeast portion of the township, and is a high mesa with inaccessible breaks which are in most places, over one-thousand feet high.

Indian Creek at the time of the survey, was a stream of good water, 30 lks. wide, and about 1 ft. deep, which flows in a northwesterly direction through the south-west portion of the township. This stream flows through Indian Creek Canyon, which is a deep canyon with

GENERAL DESCRIPTION, T. 29 S., R. 20 E.

high perpendicular sandstone walls. Indian Creek is not a permanent stream of water, and during the dry summer months, only small intermittent streams can be found along the bottom of Indian Creek Canyon.

Rustler Canyon, is a deep rugged canyon which heads in the central north portion of the township, and drains in a westerly direction, leaving the township at the west boundary of section seven.

The Colorado River enters the township on the north boundary of section six, and flows in a southerly direction through the west half of section six, leaving the township at the southwest corner of section six. The river flows through a deep canyon with high inaccessible east and west breaks.

The soil throughout the township, consists of shallow, loose, sand, clay, and rock, and may be classified as third and fourth rates.

A scattered growth of scrub juniper and pinon timber is found throughout the south and east portions of the township, which has no commercial value. A few scattered cottonwood trees were found along the bottom of Indian Creek Canyon, and along the shores of the Colorado River, a few scattered boxelder trees were found.

The undergrowth consists of a scattered growth of shadscale, mountain rush, yellow top, sage, and black brush. In places along the banks of the Colorado River, a dense growth of willows and iron wood was found.

An oil rig was erected in the SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  section 34, but at the time of the survey, drilling at this rig had not commenced.

A road enters the township at the south boundary of section 36, and bears in a northerly direction to Lockhart, leaving the township at the north boundary of section 3. This road was constructed to haul drilling equipment to Lockhart, which is located on the Colorado River, in section 16, T. 28 S., R. 20 E., Utah.

GENERAL DESCRIPTION, T. 29 S., R. 20 E.

No settlers were living on the township at the time of the survey, and the only improvements found were the oil rig and road.

No portions of the township are suitable for farming, and the township in general is suitable for a winter grazing range for stock and is being used for this purpose and is considered as a fair winter range.

The Colorado River and the intermittent streams along the bottom of Indian Creek Canyon, are the only permanent waters in the township.

Meanders of the right and left banks of the Colorado River, were run along the actual mean high water line. However at some places along the banks, offset meander lines were run in the field owing to impenetrable undergrowth and impassible ledges along the shore.

The true meander lines alone appear in the notes.

There are no islands in the township.

The magnetic declination was not taken.

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4-680

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**CERTIFICATE OF UNITED STATES SURVEYORS, AND CADASTRAL ENGINEER.**

Carl S. Swanholm, U.S. Cadastral Engineer, and  
Chas. F. Moore, and

I, We, Robert C. Yundt, U. S. Surveyor, hereby certify upon honor that, in pursu-  
District Cadastral Engineer Utah

of special instructions received from the U. S. Surveyor General for Utah  
Ne

bearing date of the 8th day of March, 1926, We have well, faithfully, and to

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instr

tions, and the laws of the United States, surveyed all those parts or portions of ~~Independent resur~~

of the north and east boundaries; Survey of the south and west

boundaries, and subdivision; and meanders of the right and left bank

of the Colorado River of, T. 29 S., R. 20 E.

of the Salt Lake Base

And \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_ Utah \_\_\_\_\_, which are represented

the foregoing field notes as having been executed by <sup>us</sup> ~~me~~, and under <sup>our</sup> ~~my~~ direction; and that all the corners

said survey have been established and perpetuated in strict accordance with the **Manual of Surveying Instru**

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes

such survey. April 28, 1928.

Carl L. Johnson  
 Civil Engineer

Salt Lake City, Utah.  
April 28 1928.

Bluff Utah  
May 6 - 1928

~~as a~~  
U.S. Cadastral Engineer.

Chas. F. Moore  
U. S. Surveyor

U.S. Surveyor.

APPROVAL.

Office of U.S. Supervisor of Surveys.

~~CONFIDENTIAL~~ ~~THE UNITED STATES GOVERNMENT~~  
Denver, Colorado.

October 25, 1928

The foregoing field notes of ~~the survey of~~ Independent resurvey of the north and east boundaries; Survey of the south and west boundaries, and subdivision; and meanders of the right and left banks of the Colorado River of, T. 29 S., R. 20 E., Salt Lake Base and Meridian, Utah.

executed by Carl S. Swanholm, U.S. Cadastral Engineer, and Chas. F. Moore

under their special instructions dated March 8, 1926, having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Supervisor of Surveys

~~U. S. Surveyor General~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in --~~

~~has been correctly copied from the original notes or file in this office.~~



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# FIELD NOTES

OF THE SURVEY OF THE

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ TOWNSHIP 2 NORTH, RANGE 16 WEST

Of the \_\_\_\_\_

State of \_\_\_\_\_

EXECUTED BY

\_\_\_\_\_

~~Property of the Survey~~ under instructions dated \_\_\_\_\_

by the ~~Surveyor General~~ District Geological Engineer to perform surveys included in

No. 206, which were approved by the Commissioner of the General Land

October 22, 1907, 188 \_\_\_\_\_

1918, 1920.

Survey commenced \_\_\_\_\_ JULY 20, 1917, \_\_\_\_\_ 223

Survey completed \_\_\_\_\_ AUGUST 6, 1918, \_\_\_\_\_ 223

BOOK A-489

# INDEX DIAGRAM.

Township 2 South, Range 14 West

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 6  | 47 | 5  | 36 | 4  | 29 | 8  | 21 | 2  | 12 | 1  |
| 46 |    | 45 |    | 35 |    | 28 |    | 20 |    | 11 |
| 7  | 45 | 8  | 35 | 9  | 27 | 10 | 19 | 11 | 10 | 12 |
| 44 |    | 43 |    | 34 |    | 27 |    | 18 |    | 10 |
| 18 | 43 | 17 | 34 | 16 | 26 | 15 | 17 | 14 | 9  | 18 |
| 42 |    | 42 |    | 33 |    | 25 |    | 17 |    | 8  |
| 19 | 41 | 20 | 32 | 21 | 24 | 23 | 16 | 23 | 7  | 24 |
| 40 |    | 40 |    | 32 |    | 24 |    | 15 |    | 6  |
| 30 | 39 | 29 | 31 | 28 | 23 | 27 | 15 | 26 | 6  | 25 |
| 38 |    | 37 |    | 30 |    | 22 |    | 14 |    | 5  |
| 31 | 36 | 32 | 29 | 33 | 22 | 34 | 13 | 35 | 4  | 36 |

DATE DIAGRAM TOWNSHIP 2 SOUTH RANGE 14 WEST.

Date Diagram, T. 2 S., R. 14 W.

|                        |                        |                        |                        |                         |               |
|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------|
| 6<br>8-6-28<br>8-8/28  | 5<br>8-8-28<br>8-7/28  | 4<br>8-7/28<br>8-7/28  | 3<br>8-7/28<br>8-7/28  | 2<br>8-6/28<br>7-31/28  | 1<br>8-6/28   |
| 7<br>8-8/28<br>8-8/28  | 8<br>8-8/28<br>8-7/28  | 9<br>8-3/28<br>8-7/28  | 10<br>8-7/28<br>8-6/28 | 11<br>8-6/28<br>7-31/28 | 12<br>7-31/28 |
| 18<br>8-8/28<br>8-8/28 | 17<br>8-8/28<br>8-3/28 | 16<br>8-3/28<br>8-2/28 | 15<br>8-7/28<br>8-6/28 | 14<br>8-6/28<br>7-31/28 | 13<br>7-31/28 |
| 19<br>8-4/28<br>8-8/28 | 20<br>8-4/28<br>8-3/28 | 21<br>8-3/28<br>8-2/28 | 22<br>8-2/28<br>8-1/28 | 23<br>8-1/28<br>7-31/28 | 24<br>7-31/28 |
| 30<br>8-4/28<br>8-4/28 | 29<br>8-4/28<br>8-3/28 | 28<br>8-3/28<br>8-2/28 | 27<br>8-2/28<br>8-1/28 | 26<br>8-1/28<br>7-31/28 | 25<br>7-31/28 |
| 31<br>8-4/28           | 32<br>8-3/28           | 33<br>8-2/28           | 34<br>8-1/28           | 35<br>7-31/28           | 36<br>7-31/28 |

All lines surveyed by Andrew Nelson, U.S. Cadastral Engineer.

## TOWNSHIP 2 SOUTH RANGE 14 WEST

Survey commenced July 29, 1928 and executed with a Buff & Buff transit No. 9978, equipped with U-shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated July 18, 1928.

I examine the adjustments of the instrument and correct the level and collimation errors. Then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, I proceed as follows:

July 29, 1928: At the cor. of secs. 1, 2, 35 and 36 on S. bdy. of T. 2 S., R. 14 W., in approximate latitude  $40^{\circ} 36'$  N., longitude  $113^{\circ} 23'$  W., and hereinafter described; At 3h 0m p.m., app.t. I set off  $40^{\circ} 36'$  N. on the lat. arc;  $18^{\circ} 40'$  N. on the decl. arc and determine a meridian with the solar and mark the meridian thus determined with a lath set firmly in the ground about 25 chs. N.

At same station, at 11h 43m p.m. by my watch which was compared with a Western Union clock at Salduro, Utah, this date, I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, reading the deflection angle from lath previously set about 25 chs. N., east to star. Mean angle star to lath =  $1^{\circ} 26' W.$

|                                |                |
|--------------------------------|----------------|
| Watch time of observation      | = 11h 43m p.m. |
| Watch fast of local mean time  | = 34m          |
| Local Mean Time of observation | = 11h 09m p.m. |

Azimuth of Polaris at eastern elongation =  $1^{\circ}26'$ .

Lath bears North.

July 29, 1928.

July 30th: At 7:30 a.m., appt., at same station, I set off  $40^{\circ}35'$  N. on the lat. arc;  $18^{\circ}30'$  N. on the decl. arc and determine a meridian with the solar, noting that the lath previously set bears North.

No meridian observation was taken for time and latitude for reason that the latitude was determined on numerous occasions by me while surveying exteriors in this vicinity under Group No. 164 in 1925.

At the cor. of secs. 25, 26, 35 and 36, this township, at apparent noon I set off  $40^{\circ}27'$  N. on the lat. arc and observe the sun on the meridian, the resulting reading of the decl. arc is  $18^{\circ}27'$  N. which agrees with the computed declination of the sun.

As all the solar observations made during the usual hours of solar work come within  $1\frac{1}{2}'$  of the true meridian, I conclude that the adjustments of the solar are satisfactory.

The country over which the lines of this survey pass is nearly level and open and all azimuth determinations were accomplished by observations made on Polaris, and the lines projected therefrom by double fore and back sights, and checked by solar observations.

#### Measurements:

All measurements are made with a Lallie steel ribbon tape, eight (8) chains in length, compared with a Lufkin Standard steel tape one chain in length and found correct. Vertical angles, where necessary, determined with improved K. & E. clinometers, and the slope measurements properly reduced to true horizontal distances, which only appear in these notes.

## TOWNSHIP 2 SOUTH RANGE 14 WEST.

## Chains

Owing to the saline character of the soil in this township the regulation iron survey posts are substituted with dressed fir posts with gabled or wedge shaped top, 4 ins. square, 4 feet long, and having a 1 inch hole about 6 ins. from bottom, through which a peg 8 ins. long is placed, serving as anchor. The top half of the posts are saturated with linseed oil. The markings on the posts are made with timber scribes and further deepened with chisels. Glass was deposited at the base of each and every post, being placed at from 3 to 6 ins. beneath the surface of the ground.

## SUBDIVISION OF TOWNSHIP 2 SOUTH RANGE 14 WEST.

Commence at the cor. of secs. 1, 2, 35 and 36 on S. bdy. of T. 2 S., R. 14 W., which is a fir post, 4 ins. sq., showing 10 ins. above ground, properly marked and firmly set as described by me under surveys of Group No. 164, in 1925. No accessories to cor. which stands in N. edge of depression of loose, shifting sand dunes.

Thence

N.  $0^{\circ}01'$  W., bet. secs. 35 and 36.

Over rolling, shifting, barren, white sand dunes, with ridges ranging from 25 to 75 ft. high with a general easterly and westerly trend.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S35 on W., and  
S36 on E. face.

Deposit a quart of glass at base of post. No accessories to cor. Deep loose sand.

Continue over sand dunes, lower in elevation with a few scattered greasewood and salt brush.

64.00 Leave sand dunes, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.; continue over level land with sandy and sandy clay soil.

Subdivision of T. 2 S., R. 14 W.

00.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked

T2S S25 on NE.,  
R14W S36 on SE.,  
S35 on SW., and  
S26 on NW. face: with 1 notch on S. and  
E. edges.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

S. 64 chs. is high rolling sand dunes with deep, loose,  
shifting white sand. N. 16 chs. is level flat with  
firm, damp sand, sandy and sandy clay, on clay subsoil.  
Undergrowth, scant salt brush and greasewoods on N. end  
of mile.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect E. bdy. of tp., 7 lks. N. of the original cor.  
of secs. 25, 30, 31 and 36, established by me in 1925  
under Group No. 164, which is a fir post, 4 ins. square,  
extending 8 ins. above ground, properly marked and  
witnessed as described in official records.

Thence

N. 89°57' W., on true line bet. secs. 25 and 36.

Over level flat through scattered brush.

18.60 E. base of sandy ridge, bears NW. and S.

21.70 Top of ridge, 25 ft. high, bears NW. 7 chs. to end, and  
S. to SW. about 20 chs. to end.

24.80 W. base of ridge, re-enter flat, bears N. and S.

40.03 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on N., and  
S 36 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,



Subdivision of T. 2 S., R. 14 W.

Chains

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

80.06 Intersect the cor. of secs. 25, 26, 35 and 36.

Land, level flat.

Soil, sand, sandy clay and damp clay.

Undergrowth, scant salt brush 1 ft. high.

N.  $0^{\circ}01'$  W., bet. secs. 25 and 26.

Over level land through very scattered brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S26 on W., and  
S25 on E. face.

Deposit a quart of glass at base of post.

Dig pits,  $18 \times 18 \times 12$  ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 23, 24, 25 and 26, marked

T2S S24 on NE.,  
R14W S25 on SE.,  
S26 on SW., and  
S23 on NW. face: with 2 notches  
on S. and 1 notch on E. edge.

Deposit a quart of glass at base of post.

Dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level flat.

Soil, sandy and sandy clay mixed, on wet clay subsoil,

2 ft. beneath surface. Surface of soil brown, streaked  
with white alkali.

Undergrowth, scattered salt brush.

S.  $89^{\circ}57'$  E., on random line bet. secs. 24 and 25.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

Subdivision of T. 2 S., R. 14 W.

Chains

- 80.02 Intersect E. bdy. of tp., 5 lks. S. of the original cor. of secs. 19, 24, 25 and 30, established by me in 1925 under Group No. 164, which is a fir post, 4 ins. square, showing 8 ins. above ground, properly marked and witnessed as described in official records.
- Thence .
- N.  $89^{\circ}59'$  W., on true line bet. secs. 24 and 25.
- Over level sandy flat, nearly void of vegetation.
- 11.50 Leave flat, enter low sandy rises or hills, bears N. and SW.
- 13.50 Top of same, 10 ft. high, extends S. 1 ch. to end, and bears N.
- 35.00 Leave sandy rises, continue over flat, bears NW. and SE.
- 40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S24 on N., and  
S25 on S. face.
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 80.02 Intersect the cor. of secs. 23, 24, 25 and 26.
- Land, level flat, with low sandy rises on E.  $\frac{1}{2}$  mile.
- Soil, deep, firm, damp sand and sandy clay, or wet clay subsoil.
- Undergrowth, scant salt brush.
- 
- N.  $0^{\circ}01'$  W., bet. secs. 23 and 24.
- Over level land, through scant brush.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S23 on W., and  
S24 on E. face.
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

## Subdivision of T. 2 S., R. 14 W.

## Chains

- W. of cor. . . . . 90.00
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked
- T2S S13 on NE.,  
R14W S24 on SE.,  
S23 on SW., and  
S14 on NW face with 3 notches on S. and 1 notch on E. edge.
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist. of post; and raise a mound of earth, 4 ft. base, 2 ft. high.
- W. of cor.
- Land, level alkali flat.
- Soil, damp sand, and sandy-clay, on clay subsoil.
- Undergrowth, scant salt brush about 1 ft. high.
- 
- S.  $89^{\circ}59'$  E. on a random line bet. secs. 13 and 24.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect E. bdy. of tp., at the cor. of secs. 13, 18, 19 and 24, established by me in 1925 under Group No. 164, which is a fir post, 4 ins. square, showing 8 ins. above ground, properly marked and witnessed as described in official records.
- Thence,
- N.  $89^{\circ}59'$  W., on true line bet. secs. 13 and 24.
- Over level sandy flat, nearly void of vegetation.
- 12.40 Top of low sand rise, 3 ft. high, extends N. and S. 1 ch. to ends.
- 21.60 E. base of low sandy rises, bears N. and S.; thence over rises about 10 ft. high.
- 31.00 Leave rises, continue over flat, bears N. and S.
- 40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S13 on N., and  
S24 on S. face.
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Subdivision of T. 2 S., R. 14 W.

Chains

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

60.02 Intersect the cor. of secs. 13, 14, 23 and 24.

Land, level flat, with low sandy rises about 10 ft. high,  
extending N. and S. on E.  $\frac{1}{2}$  mile.

Soil, damp to wet sandy-clay and sand, on wet clay sub-  
soil.

Undergrowth, scant salt brush, 1 ft. high.

---

N.  $0^{\circ}01'$  W., bet. secs. 13 and 14.

Over level alkali flat, nearly void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S14 on W., and  
S 13 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 2 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

65.00 Line crosses to SW. end of a low sand rise, 3 ft. high,  
extends northeasterly 10 chs. to end.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 11, 12, 13 and 14, marked

T2S S12 on NE.,  
R14W S13 on SE.,  
S14 on SW., and  
S11 on NW. face; with 4 notches on S.  
and 1 notch on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat.

Soil, damp to wet sandy-clay and sand.

Undergrowth, few scattered salt brush.

---

## Subdivision of T. 2 S., R. 14 W.

Chains

- S.  $89^{\circ}59'$  E., on a random line bet. sec. 12 and 13.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect E. bdy. of tp., at the original corner of sec. 7, 12, 13 and 18, established by me in 1925 under Group No. 164, which is a fir post, 4 ins. square, showing 8 ins. above ground, properly marked and witnessed as described in official records.
- Thence.
- N.  $89^{\circ}59'$  W., on true line bet. secs. 12 and 13.
- Over level land through few scattered brush.
- 40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S12 on N., and  
S13 on S. face.
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 59.60 Top of low sandy rise or ridge, 15 ft. high, extends northerly 5 chs. to end, and bears southwesterly 15 to 20 chs. to end.
- 80.02 Intersect the cor. of secs. 11, 12, 13 and 14.
- Land, level alkali flat.
- Soil, damp to wet sandy-clay.
- Undergrowth, few scattered salt brush.
- 
- N.  $0^{\circ}01'$  W., bet. secs. 11 and 12.
- Over level land, scattered brush.
- 4.60 Enter low sandy rises or hills, bears NE. and SW., with heavier brush.
- 40.00 On SW. slope of a sand ridge bearing NE. and SE., Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S11 on W., and  
S12 on E. face.
- Deposit a quart of glass at base of post. No access to cor. Deep loose, sand.

Subdivision of 2 S., R. 14 W.

| Chains |  |
|--------|--|
| 48.50  | Top of sand ridge or hill, 50 ft. high, bears NW. and SE. thence over rolling N. and NW. slopes.   |
| 80.00  | In narrow neck of flat 2 chs. wide, opens up into main flat to NW. 8 chs.,   |
|        | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 1, 6, 11 and 12, marked  |
|        | T2S E1 on NE.,<br>R14W S12 on SE.,<br>S11 on SW., and<br>S2 on NW. face: with 5 notches on E. edge and 1 notch on E. edge.   |
|        | Deposit a quart of glass at base of post.  |
|        | Dig pits, 18x18x12 ins., in each sec., 50 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.   |
|        | Land, low rolling sand rises and hills on N. 75.40 chs.; level flat on S. 4.60 chs.  |
|        | Soil, ranges from deep, loose sand to sandy-clay mixed, with damp clay in depressions.   |
|        | Undergrowth, scattered salt brush and few green lemons.  |
| 40.00  | S. 89°59' E., on random line bet. secs. 1 and 12.<br>Set temp. sec. cor.   |
| 80.02  | Intersect E. bdy. of tp., 2 lks. N. of the original cor. secs. 1, 6, 7 and 12, established by re in 1915 under Group No. 164, which is a fir post, 4 ins. square, showing 6 ins. above ground, properly marked and witnessed as described in official records. |
|        | Thence   |
|        | N. 89°58' W., on true line bet. secs. 1 and 12.  |
|        | Over level sandy flat, void of vegetation.   |
| 9.60   | Leave flat, enter low sandy rises or ridges with scattered brush, bears NW. for 5 chs. thence E., and SE.  |
| 12.20  | Top of sand ridge, 50 ft. high, bears NW. and S.   |
| 18.50  | W. base of ridge, continue over sandy rises, 3 to 5 ft. high, bears N. and S.  |

## Subdivision of T. 2 S., R. 12 W.

Chains

- 40.01 On nearly level ground on sandy rise,  
Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S1 on N., and  
S12 on S. face.  
Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.
- 48.00 Leave low sandy rises, enter flat void of vegetation,  
bears N. and S.; thence across narrow flat extending  
through hills in a northerly and southerly direction.
- 61.50 Leave flat, at E. base of sand ridge, bears N. and S.
- 68.20 Top of sand ridge, 50 ft. high, bears N. 20° W. and S.
- 72.50 W. base of ridge, bears N. and S.; continue over low  
sandy rises.
- 80.00 Intersect the cor. of secs. 1, 2, 11 and 12.  
Land, mostly low, rolling sand ridges and rises, with  
narrow flats.  
Soil, deep, firm packed sand, mixed with some clay.  
Undergrowth, scattered salt brush, greasewood and shad-  
scale.
- 
- N. 0° 01' W., on random line bet. secs. 1 and 2.
- 48.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.90 Intersect N. bay. of tp., at the original cor. of secs.  
1, 2, 35 and 36, established by me in 1925 under Group  
No. 164, which is a fir post, 4 ins. square, showing  
6 ins. above ground, properly marked and witnessed  
as described in official records.  
Thence  
S. 0° 01' E., on true line bet. secs. 1 and 2.  
Over level alkali flat, surface slightly uneven, through  
scattered brush.

29.90 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 and of the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S2 on W., and  
 S1 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

low, of cor.

56.00 Leave flat, enter low, rolling sandy hills or rises,  
 bears E. and SW.

64.00 Top of hill, 35 ft. high, bears E. and W.

79.90 Intersect the cor. of secs. 1, 2, 11 and 12.

Land, N. 56 chs. is level alkali flat: S. 24 chs. is  
 low, rolling sandy hills or rises.

Soil, wet clay and sandy-clay on flat, and deep, firm  
 sand mixed with some clay on hills.

Undergrowth, scattered salt brush.

From the cor. of secs. 2, 3, 34 and 35 on S. bdy. of  
 tp., established by me in 1925 under Group No. 164,  
 a fir post, 4 ins. square, showing 6 ins. above ground,  
 properly marked as described in official records.

Thence,

N.  $0^{\circ}02'$  W., bet. secs. 34 and 35.

Over level sandy flat through very scattered brush.

7.20 Leave flat, enter high, rolling barren sand dunes, bears  
 N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.

40.00 On a gentle N. slope, 25 lks. N. of top of dune,  
 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S34 on W., and  
 S35 on E. face.

Deposit a quart of glass at base of post. No accessories  
 to cor. Deep, loose sand.

43.10 Top of sharp sand dune, 75 ft. high, bears E. and W.:  
 thence over general N. exposure.



## Subdivision of T.22 S.14 R.14 W.

Chains

anied

65.00 Enter few scattered brush in hollows among dunes. 09.98  
 80.00 In N. edge of sand dunes. and S. edge of flat; bears  
 N. 70° W. and S. 70° E.,  
 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for cor. of secs. 26, 27, 34 and 35, marked  
 T22 S26 on NE.,  
 R14W S35 on SE.,  
 S34 on SW., and  
 S27 on NW. face; with 1 notch on S.  
 and 2 notches on E. edge  
 Deposit a quart of glass at base of post.  
 No accessories to cor. Loose sand.  
 Land, S. 7.20 chs. is nearly level flat extending north-  
 westerly; remainder of mile is high, rolling, shifting  
 sand dunes, 25 to 75 ft. high.  
 Soil, deep, loose white sand.  
 Undergrowth, few scattered salt brush and greasewoods  
 on N. end of mile.

East, on random line bet. secs. 26 and 35.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect N. and S. line, 5 lks. N. of the cor. of secs.  
 25, 26, 35 and 36.

Thence,

N. 89° 58' W., on true line bet. secs. 26 and 35.

Over level land, nearly void of vegetation.

15.00 Enter few scattered sandy rises, 2 to 5 ft. high with  
 scattered brush.

39.99 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S26 on N., and  
 $\frac{1}{4}$  S35 on S. face.

Deposit a quart. of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.

01.34

01.34

Subdivision of T. 2 S., R. 14 W.

chains

- 79.98 Intersect the cor. of secs. 26, 27, 34 and 35.  
Land, nearly level flat.  
Soil, damp sand and sandy-clay.  
Undergrowth, scattered salt brush on portion of mile.
- 
- N.  $0^{\circ}02'$  W., bet. secs. 26 and 27.  
Over level land, through scattered brush.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked  
 $\frac{1}{2}$  S27 on W., and  
S26 on E. face.  
Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.  
Leave nearly all vegetation.
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 22, 23, 26 and 27, marked  
T2S S23 on NE.,  
R14W S26 on SE.,  
S27 on SW., and  
S22 on NW. face; with 2 notches on S.  
and E. edges.  
Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.  
Land, level alkali flat: surface slightly broken on S.  $\frac{1}{2}$   
mile.  
Soil, damp sandy clay.  
Undergrowth, scant salt brush on S.  $\frac{1}{2}$  mile.
- 
- S.  $89^{\circ}58'$  E., on random line bet. secs. 23 and 26.
- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.
- 80.02 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
23, 24, 25 and 26.  
Thence,

## Subdivision of T.12 S., R.14 W.

| Chains |   | Area |
|--------|---|------|
|        | <p>N. 89°59' W., on true line bet. secs. 23 and 26.</p> <p>Over level land, through very scattered brush.</p>   | 89.6 |
| 40.01  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 100px;"><math>\frac{1}{4}</math> S23 on N., and<br/>S26 on S. face.</p> <p>Deposit a quart of glass at base of post.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.</p>   |      |
| 80.02  | <p>Intersect the cor. of secs. 22, 23, 26 and 27.</p> <p>Land, level alkali flat.</p> <p>Soil, damp sandy clay and heavy, sticky clay.</p> <p>Undergrowth, scant salt brush.</p>  |      |
|        | <p>N. 0°02' W., bet. secs. 22 and 23.</p> <p>Over level alkali flat, through very scattered brush.</p>  |      |
| 40.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 100px;"><math>\frac{1}{4}</math> S22 on W., and<br/>S23 on E. face.</p> <p>Deposit a quart of glass at base of post.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor.</p>   |      |
| 80.00  | <p>On N. edge of flat,</p> <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked</p> <p style="padding-left: 100px;">T2S S14 on NE.,<br/>R14W S23 on SE.,<br/>S22 on SW., and<br/>S15 on NW. face; with 3 notches on S. and 2 notches on E. edge.</p> <p>Deposit a quart of glass at base of post.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.</p> |      |

Land, level alkali flat. 313  
Soil, damp sandy-clay and heavy, sticky clay.  
Undergrowth, few scattered salt brush.

S. 89°59' E., on random line bet. secs. 14 and 27.

Set temp.  $\frac{1}{2}$  sec. cor.

Intersect the cor. of secs. 13, 14, 23 and 24.

Thence

N. 89°59' W., on true line bet. secs. 14 and 23.

Over level land void of vegetation.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S14 on N., and  
S23 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
and raise a mound of earth, 3 ft. long, 1 ft. high,  
W. of cor.

The cor. of secs. 14, 15, 23 and 27.

Land, level alkali flat.

Soil, damp to wet sandy clay.

No vegetation.

N. 0°02' W., bet. secs. 14 and 15.

Over sandy flat.

Leave flat, enter low sandy rises and hills with medium  
dense undergrowth, bears NE. and S. 80° W.

Enter level basin surrounded by sand ridge on all sides,  
bears northeasterly and northwesterly: thence across  
basin void of vegetation, extending E. approximately  
8 chs. and W. 12 chs.

Leave basin, re-enter sandy rises, bears nearly SE. and W.

On a slight S. slope,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

## Subdivision of T. 2 S., R. 14 W.

## Chains

cont.

$\frac{1}{4}$  S15 on W.; and  
S14 on E. face.

Deposit a quart of glass at base of post.

No accessories. Deep, loose sand.

45.00 Leave sand rises, enter level flat with scattered brush,  
bears NW. and SE.

80.00 On level flat, near N. edge,  
Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 10, 11, 14 and 15, marked

T2S S11 on NE.,  
R14W S14 on SE.,  
S15 on SW., and  
S10 on NW. face; with 4 notches on  
S. and 2 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, low, rolling sandy rises or ridges, 10 ft. 35 ft.  
high, on S. portion; nearly level flat on N. portion.

Soil, on rises is a loose to firm sand, and on flat a  
damp sandy clay.

Undergrowth, scattered salt brush on greater portion  
of mile.

S.  $89^{\circ}59'$  E., on random line bet. secs. 11 and 14.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect N. and S. line, 2 lks. N. of the cor. of secs.  
11, 12, 13 and 14.

Thence

N.  $89^{\circ}58'$  W., on true line bet. secs. 11 and 14.

Over level flat void of vegetation.

26.00 Leave flat, enter low sand ridges, bears N. and S.

28.20 Top of sand ridge, 20 ft. high, bears N.  $20^{\circ}$  W. for about  
10 chs. and S.  $20^{\circ}$  E. for about 20 chs. to end.

31.00 W. base of ridge, bears N. and S.; continue over low  
sand rises.

## Subdivision of T. 2 S., R. 14 W.

## Chains

39.99

On low sand rise,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S11 on N., and  
S14 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

41.00

Leave sandy rise, enter flat void of vegetation, bears N. and S.; thence across flat extending N. and S. and forming a pass through the sand hills.

49.60

Leave flat at E. base of sand ridge, bears N. and S.

52.00

Top of a high, loose white sand ridge, 50 ft. high, bears N. 20° W. and S.

77.00

Leave sand ridge, enter flat, bears N. and S. 20° E.

79.98

The cor. of secs. 10, 11, 14 and 15.

Land, level flats with low sand ridges and rises.

Soil, loose sand to sandy clay.

Undergrowth, scattered salt brush and greasewoods on the ridges and rises. Flats void of vegetation.

N. 0° 02' W., bet. secs. 10 and 11.

Over level land with few scattered brush.

5.00

Leave level land, enter low sand rises, 5 to 15 ft. high, with heavier brush, bears SE. and W.

40.00

On summit of sand rise, extending W. approximately 8 chs. to main flat,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S10 on W., and  
S11 on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

20  
Subdivision of T. 2 S., R. 14 W.

| Chains |  |
|--------|--|
| 65.00  | Leave sand rises, enter main alkali flat void of vegetation, bears nearly E. and S. $30^{\circ}$ W.  |
| 80.00  | On barren alkali flat,<br>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked<br><div style="margin-left: 100px;">T2S S2 on NE.,<br/>R14W S11 on SE.,<br/>S10 on SW., and<br/>S3 on NW. face; with 5 notches on S. and 2 notches on E. edge.</div> |
|        | Deposit a quart of glass at base of post.  |
|        | Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  |
|        | S. portion of mile is low, rolling sand rises, 5 to 15 ft. high, covered with a scattered growth of salt brush and few greasewoods; soil, a deep, firm sand, mixed with some clay: N. 15 chs. is level alkali flat void of vegetation: soil, damp sandy clay to wet, sticky clay.                          |
|        | <hr/>  |
|        | S. $89^{\circ}58'$ E., on random line bet. secs. 2 and 11.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 79.98  | Intersect the cor. of secs. 1, 2, 11 and 12.<br>Thence<br>N. $89^{\circ}58'$ W., on true line bet. secs. 2 and 11.<br>Over level flat void of vegetation, which is an arm or cove from main flat to NW. about 10 chs.  |
| 10.00  | Cross W. end of low sand rise from S.  |
| 15.00  | Enter main alkali flat, bears NE. and SW.  |
| 38.99  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked<br><div style="margin-left: 100px;"><math>\frac{1}{4}</math> S2 on N., and<br/>S11 on S. face.</div>   |
|        | Deposit a quart of glass at base of post.  |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.  |

Subdivision of T. 2 S., R. 14 W.

79.98 The cor. of secs. 2, 3, 10 and 11.  
Land, level alkali flat, white surface.  
Soil, damp sandy clay, and sticky clay.  
No vegetation, except few salt brush near E. end of mile.

---

N. 0°04' W., on true line bet. secs. 2 and 3, for visible  
signal at the cor. of secs. 2, 3, 34 and 35 on N. bdy.  
of tp.

Over level alkali flat void of vegetation.

6.50 Enter very scattered salt brush, bears E. and E.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S3 on W., and  
S2 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

79.84 Intersect N. bdy. of tp., at the original cor. of secs.  
2, 3, 34 and 35, established by me in 1925 under Group  
No. 164, a fir post, 4 ins. square, showing 4 ins.  
above ground, properly marked and witnessed as describ-  
ed in official records.

Land, level alkali flat.

Soil, damp to wet clay, mixed with some sand.

Undergrowth, scant salt brush, 1 ft. high, on greater  
portion of mile.

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From the cor. of secs. 3, 4, 33 and 34 on S. bdy. of  
tp., established by me in 1925 under Group No. 164,  
a fir post, 4 ins. square, showing 8 ins. above ground,  
properly marked and witnessed as described in official  
records.

Thence



Subdivision of T. 2 S., R. 14 W.

Chains

N.  $0^{\circ}02'$  W., bet. secs. 33 and 34.

Over nearly level sandy flat with scattered salt brush.

27.50 Leave flat, enter low, rolling sand dunes and hills,  
with few tall greasewoods, bears NW. and SE.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S33 on W., and  
S34 on E. face.

Deposit a quart of glass at base of post.

No accessories to cor. Deep, loose sand.

60.00 In depression among dunes,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 27, 28, 33 and 34, marked

T2S S27 on NE.,  
R14W S34 on SE.,  
S23 on SW., and  
S28 on NW. face; with 1 notch on S.  
and 3 notches on E. edge.

Deposit a quart of glass at base of post.

No accessories to cor. Deep, loose sand.

Land, S. portion is level flat; N. portion is low,  
rolling sand dunes or hills, 10 to 25 ft. high.

Soil, damp sandy clay on flat. Loose, shifting, white  
sand on dunes.

Undergrowth, scattered salt brush and few greasewoods.

East, on random line bet. secs. 27 and 34.

4.00 Set temp.  $\frac{1}{2}$  sec. cor.

8.00 Intersect N. and E. line, 2 lks. N. of the cor. of secs.  
26, 27, 34 and 35.

Then go

N.  $89^{\circ}59'$  W., on true line bet. secs. 27 and 34.

Over low, rolling sand dunes with few tall brush along  
edge, from cor. in edge of dunes bearing northwesterly  
and  $8.80^{\circ}$  E.

40.00 In N. edge of depression among shifting dunes,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

Subdivision of T. 2 S., R. 14 W.

Chains

the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S27 on N., and  
S34 on S. face.

Deposit a quart of glass at base of post.

No accessories to cor. Deep, shifting sand.

49.50 Summit of highest sand dune on line, 75 ft. high:  
general bearing of dunes NW. and SE.: thence over W.  
exposure.

80.00 The cor. of secs. 27, 28, 23 and 34.  
Land, rolling, shifting, white sand-dunes, from 10 to  
65 ft. high.  
Soil, loose, dry, white sand.  
Undergrowth, few tall greasewoods on E. and W. ends of  
mile.

---

N.  $0^{\circ}02'$  W., bet. secs. 27 and 28.

Over high; rolling, barren sand dunes.

35.00 Leave sand dunes, enter level flat with scant brush and  
damp sandy clay soil, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S28 on W., and  
S27 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

Continue over flat with slightly broken surface.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 21, 22, 27 and 28, marked

T2S S22 on NE.,  
R14W S27 on SE.,  
S28 on SW., and  
S21 on NW. face; with 2 notches on S.  
and 3 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,

## Subdivision of T. 26 N., R. 14 W.

Chains

W. of cor. . . . .

S. 35 chs. is high, rolling, barren sand dunes, with loose, shifting, white sand; remainder of mile is level alkali flat, covered with few scattered salt brush; soil, damp sandy clay.

S.  $89^{\circ}59'$  E., on random line bet. secs. 22 and 27.

40.00 Set temp.  $\frac{1}{4}$  sec. cor. . . . .

80.02 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence

N.  $89^{\circ}57'$  W., on true line bet. secs. 22 and 27.

Over level land through scant brush.

40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S22 on N., and  
S27 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

80.02 The cor. of secs. 21, 22, 27 and 28.

Land, level alkali flat.

Soil, damp to wet sandy clay, and clay.

Undergrowth, scant salt brush.

N.  $0^{\circ}02'$  W., bet. secs. 21 and 22.

Over level land, through very scattered brush.

32.00 Leave all vegetation, bears E. and W.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S21 on W., and  
S22 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

## Subdivision of T. 2 S., R. 14 W.

## Chains

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 15, 16, 21 and 22, marked

T2S S15 on NE.,  
R14W S22 on SE.,  
S21 on SW., and  
S16 on NW. face: with 3 notches on  
S. and E. edges.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

S.  $62^{\circ}50'$  E., to Tabby Peak in Cedar Range.

S.  $24^{\circ}43'$  E., to Twin Middles on Wildcat Mountain.

S.  $37^{\circ}48'$  W., to High Point on Lutch Mountain.

N.  $51^{\circ}51'$  W., Pilot Peak (S. end)

N.  $4^{\circ}42'$  E., High Peak in Newfoundland Mountain.

Land, level alkali flat.

Soil, damp to wet sandy clay and clay.

Undergrowth, scant salt brush.

S.  $89^{\circ}57'$  E., on random line bet. secs. 15 and 22.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.02 Intersect the cor. of secs. 14, 15, 22 and 23.

Thence

N.  $89^{\circ}57'$  W., on true line bet. secs. 15 and 22.

Over level land.

1.50 Leave flat, enter low sand rises, approximately 15 ft.  
high, with scattered brush, bears N.  $70^{\circ}$  E. and SW.;  
thence over rise extending S. for about 5 chs. to end  
and bears N. for nearly 1 mile.

16.00 Leave sand rise, enter flat, bears NW. and SE.

40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{4}$  S15 on N., and  
S22 on S. face.

Subdivision of T. 2 S., R. 14 W.

Chains

Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.

S. base of low sand rise bearing nearly E. and W., bears  
N. of line approximately 10 chs. dist.

22.02 The cor. of secs. 15, 16, 21 and 22.

Land, level alkali flat and low sand rises.

Soil, damp sandy clay and loose sand.

Undergrowth, scattered salt brush.

N. 0°02' W., bet. secs. 15 and 16.

Over level land void of vegetation.

42.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for ¼ sec. cor., marked

¼ S16 on W., and  
S15 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.

64.00 A low sand rise approximately 10 chs. in diam., bears  
W. of line about 8 chs. dist.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 9, 10, 15 and 16, marked

T2S S10 on NE.,  
R14W S15 on SE.,  
S16 on SW., and  
S9 on NW. face; with 4 notches on S.  
and 3 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat; surface slightly uneven on N.  
portion.

Soil, damp sandy clay, on wet clay subsoil, 3 ft. beneath  
surface.

Subdivision of T<sub>2</sub> S<sub>2</sub>, R. 14 W.

Maine

No vegetation.

- S. 89°57' E., on random line bet. secs. 10 and 15.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence

West, on true line bet. secs. 10 and 15.

Over level land through scattered brush.

- 30.00 Leave all vegetation, bears NE. and SW.

- 40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S10 on N., and  
S15 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x16x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

The N. base of low sand rise bearing SE. and SW., bears S. of line about 3 chs. dist.

- 80.02 The cor. of secs. 9, 10, 15 and 16.

Land, level alkali flat.

Soil, wet sandy clay.

Undergrowth, scattered short salt brush on E. portion.

N. 0°02' W., bet. secs. 9 and 10.

Over level land void of vegetation.

- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S9 on W., and  
S10 on E. face.

Deposit a quart of glass at base of post.

- Dig pits, 18x16x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Subdivision of T. 2 S., R. 14 W.

Chains

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked

T2S S3 on NE.,  
R14W S10 on SE.,  
S9 on SW., and  
S4 on NW. face; with 5 notches on S. and  
3 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat.

Soil, dark, damp sandy clay, 2 to 3 ft. deep, on wet  
clay subsoil.

No vegetation.

East, on random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect the cor. of secs. 2, 3, 10 and 11.

Thence

West, on true line bet. secs. 3 and 10.

Over level land, void of vegetation.

1.00 Enter very scattered brush, bears S. about 2 chs., and N.

24.00 Leave all vegetation, bears S. about 5 chs., and N.

40.03 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for ¼ sec. cor., marked

¼ S3 on N., and  
S10 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.

80.06 The cor. of secs. 3, 4, 9 and 10.

Land, level alkali flat.

Soil, damp sandy clay.

Undergrowth, scattered salt brush on E. portion of mile.

Over level land void of vegetation.

‡ 54 on W., and  
58 on E. face.

Dig pits. 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 34 ft. base, 14 ft. high,  
W. of cor.

Intersect N. bdy. of tp., at the original cor. of secs.  
3, 4, 23 and 24, established by re in 1828 under Group  
No. 166, a fir post, 4 ins. square, showing 4 ins.  
above ground, properly marked and witnessed as describ-  
ed in official records.

Soil, sandy clay, 1 to 2 ft. deep, on wet, sticky clay  
subsoil.

## These

Over low, rolling sand dunes with scattered brush.

Leave hummocks, continue over flat with slightly broken surface.

[illegible]



## Subdivision of T. 2 S., R. 14 W.

| Chains |  |
|--------|--|
| 40.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p><math>\frac{1}{4}</math> S32 on W., and<br/>S33 on E. face.</p> <p>Deposit a quart of glass at base of post.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 32 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>E. base of low sand rise, bears W. of line about 5 chs. dist.</p>   |
| 52.00  | <p>Leave flat, enter low sandy rises or ridges, bears NE. and SW.</p>  |
| 80.00  | <p>In bottom of depression,</p> <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked</p> <p>T28 S28 on NE.,<br/>R14W S33 on SE.,<br/>S32 on SW., and<br/>S29 on NW. face: with 1 notch on S. and 4 notches on E. edge.</p> <p>Deposit a quart of glass at base of post.</p> <p>No accessories to cor. Deep, loose sand.</p> <p>Land, level flat with low sand rises and dunes.</p> <p>Soil, damp sandy clay on flat, and loose sand on rises.</p> <p>Undergrowth, scattered salt brush and tall greasewoods.</p> <hr/> <p>East, on random line bet. secs. 28 and 33.</p> |
| 40.00  | <p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>  |
| 80.00  | <p>Intersect N. and S. line, 2 lks. N. of the cor. of secs. 27, 28, 33 and 34.</p> <p>Thence,</p> <p>N. 89°59' W., on true line bet. secs. 28 and 33.</p> <p>Over low, rolling sand dunes, through few scattered brush.</p>  |
| 40.00  | <p>In depression or small flat among low dunes, near SW. cor.</p> <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p>  |

## Subdivision of T. 2 S., R. 14 W.

## Chains

$\frac{1}{4}$  S28 on N., and  
S33 on S face.

Deposit a quart of glass at base of post.

No accessories to cor. Loose sand.

53.00 Leave sand dunes, enter flat, bears N.20°W. and SE.:  
thence across flat extending northwesterly and south-  
easterly.

76.50 Leave flat, enter low sand hills, bears N.20°W. and S.20°  
E.

77.10 Top of a loose, shifting, white sand ridge, 15 ft. high,  
bears N.20°W., and extends S.30°E. 5 chs. to end.

80.00 The cor. of secs. 28, 29, 32 and 33.

Land, mostly low, rolling sand dunes or ridges: line  
crosses a flat  $23\frac{1}{2}$  chs wide on W.  $\frac{1}{2}$  mile.

Soil, loose, white sand, and damp sandy clay.

Undergrowth, scattered salt brush, and few tall grease-  
woods.

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N. 0°03' W., bet. secs. 28 and 29.

Over low, rolling sand ridges with loose sand and very  
scattered brush.

11.00 Leave sand ridge, enter level flat, bears NW. and S.20°E.

40.00 On flat, surface broken,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S29 on W., and  
S28 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

Continue over flat, leaving all vegetation, bears E. and  
W.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 20, 21, 28 and 29, marked

## Subdivision of T. 28S. and R. 14W.

Chains

T2S S21 on NE.,  
R14W S28 on SE.,  
S29 on SW., and  
S20 on NW face; with 2 notches on S.  
and 4 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.

S. 11 chs. is low, rolling sand ridges with loose, white  
sand and few scattered tall greasewoods; remainder  
of mile is level alkali flat with wet sandy clay, and  
heavy clay soil, covered with a scant growth of salt  
brush on S. portion.

S. 89°59' E., on random line bet. secs. 21 and 28

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs.  
21, 22, 27 and 28.

Thence,

N. 89°58' W., on true line bet. secs. 21 and 28.

Over level land through few scattered salt brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S21 on N., and  
S28 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor.

80.00 The cor. of secs. 20, 21, 28 and 29.

Land, level alkali flat.

Soil, damp sandy clay.

Undergrowth, few scattered salt brush.

N. 0°03' W., bet. secs. 20 and 21.

Over level land void of vegetation.

Subdivision of T. 2 S., R. 14 W.

Chains

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor.; marked

$\frac{1}{4}$  S20 on W., and  
S21 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 16, 17, 20 and 21; marked

T2S S16 on NE.,  
R14W S21 on SE.,  
S20 on SW., and  
S17 on NW. face; with 3 notches on S. and 4 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level alkali flat.

Soil, damp sandy clay and heavy clay.

No vegetation.

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S. 89°58' E., on random line bet. secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

N. 89°57' W., on true line bet. secs. 16 and 21.

Over level land void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S16 on N., and  
S21 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Chains

- 20.00 The cor. of secs. 16, 17, 20 and 21.   
 Land, level alkali flat.   
 Soil, wet sandy clay.   
 No vegetation.   
   
 W.  $0^{\circ}03'$  W., bet. secs. 16 and 17.   
 Over level land void of vegetation.   
 41.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in   
 the ground, for  $\frac{1}{4}$  sec. cor., marked   
 S17 on W., and   
 S16 on E. face.   
 Deposit a quart of glass at base of post.   
 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.   
 and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,   
 W. of cor.   
 42.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in   
 the ground, for cor. of secs. 8, 9, 16 and 17, marked   
 T2S S9 on NE.,   
 R14W S16 on SE.,   
 S17 on SW., and   
 SE on NW. face; with 4 notches on   
 S. and E. edges.   
 Deposit a quart of glass at base of post.   
 Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;   
 and raise a mound of earth, 4 ft. base, 2 ft. high,   
 W. of cor.   
 Land, level alkali flat.   
 Soil, wet sandy clay and heavy clay.   
 No vegetation.   
   
 E.  $89^{\circ}37'$  E., on random line bet. secs. 9 and 16.   
 43.00 Set temp.  $\frac{1}{4}$  sec. cor.   
 44.00 Intersect the cor. of secs. 9, 10, 15 and 16.   
 Thence   
 E.  $89^{\circ}37'$  W., on true line bet.   
 Over level land void of vegetation.   
 40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S9 on E., and  
S16 on S. face.

Deposit a quart of glass at base of post; dig pits, 18x  
18x12 ins., E. and W. of post, 3 ft. dist.; and raise  
a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

The cor. of secs. 8, 9, 16 and 17.

Land, level alkali flat.

Soil, damp sandy clay, and heavy, sticky clay.

No vegetation.

N. 0°03' W., bet. secs. 8 and 9.

Over level land, void of vegetation.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S8 on W., and  
S9 on E. face.

Deposit a quart of glass at base of post; dig pits, 18x  
18x12 ins., N. and S. of post, 3 ft. dist.; and raise  
a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 4, 5, 8 and 9, marked

T2S S4 on NE.,  
R14W S9 on SE.,  
S8 on SW., and  
S5 on NW. face: with 5 notches on  
S. and 4 notches on E. side.

Deposit a quart of glass at base of post; dig pits, 18x  
18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a  
mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level alkali flat.

Soil, wet, sticky, sandy clay.

No vegetation.

S. 89°57' E., on random line bet. secs. 4 and 9.

Set temp.  $\frac{1}{4}$  sec. cor.

Intersect the cor. of secs. 3, 4, 9 and 10: thence

N. 89°57' W., on true line bet. secs. 4 and 9.

Over level land, void of vegetation.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

Subdivision of T. 2 S., R. 14 W.

|        |   |
|--------|---|
| Chains | <p><math>\frac{1}{2}</math> S4 on N., and<br/>S9 on S. face.</p> <p>Deposit a quart of glass at base of post; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base; <math>1\frac{1}{2}</math> ft. high, N. of cor.</p>   |
| 80.02  | <p>The cor. of secs. 4, 5, 8 and 9.</p> <p>Land, level alkali flat.</p> <p>Soil, wet, sandy clay, and heavy, sticky clay.</p> <p>No vegetation.</p> <hr/> <p>N. <math>0^{\circ}05'</math> W., on true line bet. secs. 4 and 5, for signal at the cor. of secs. 4; 5, 32 and 33; on N. bdy. of tp.</p> <p>Over level land void of vegetation.</p>  |
| 17.00  | Enter scattered brush and broken surface, bears E. and W.   |
| 40.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for <math>\frac{1}{2}</math> sec. cor., marked</p> <p><math>\frac{1}{2}</math> S5 on W., and<br/>S4 on E. face.</p> <p>Deposit a quart of glass at base of post; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p>   |
| 79.77  | <p>Intersect N. bdy. of tp., at the cor. of secs. 4, 5, 32 and 33, established by me in 1925, under Group No. 164, a fir post, 4 ins. sq., showing 6 ins. above ground, properly marked and witnessed as described in official records.</p> <p>Land, level alkali flat.</p> <p>Soil, wet sandy clay, and heavy, sticky clay.</p> <p>Undergrowth, scattered salt brush on N. portion of mile.</p> <hr/> <p>From the cor. of secs. 5, 6, 31 and 32 on S. bdy. of tp. established by me in 1925, under Group No. 164, a fir post, 4 ins. square, showing 1 ft. above ground, properly marked as described in official records. No accessories to cor. situated in depression among sand dunes.</p> |

## Subdivision of T. 2 S., R. 14 W.

## Chains

Thence

N.  $0^{\circ} 04'$  W., bet. secs. 31 and 32.Over barren, shifting sand dunes, 25 to 75 ft. high,  
trend of ridges E. and W.

18.40 Summit of sand dunes, 75 ft. high, bears E. and W.

36.00 Leave sand dunes, enter flat with scattered brush, bears  
N.  $60^{\circ}$  W. and S.  $70^{\circ}$  E.

40.00 On flat,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked $\frac{1}{4}$  S31 on W., and  
S32 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 29, 30, 31 and 32, markedT29 S29 on NE.,  
R14 S32 on SE.,  
S31 on SW., and  
S30 on NW. face: with 1 notch on S.  
and 5 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.S. 35 chs. is high, rolling, shifting sand dunes, with  
loose, white, dry sand, void of vegetation; remainder  
of mile is level flat, with damp to wet sandy clay  
soil, covered with a short, scattered growth of salt  
brush, and few tall greasewoods along edge of dunes.

East, on random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect N. and S. line, 2 lks. N. of the cor. of secs.



## Subdivision of T. 2 S., R. 14 W.

| Chains |   | English |
|--------|---|---------|
|        | 28, 29, 32 and 33.  |         |
|        | Thence  |         |
|        | N. 89°59' W., on true line bet. secs. 29 and 32.                                |         |
|        | Over low, rolling sand ridges with few scattered brush.                         |         |
| 8.40   | Top of a sand ridge, 40 ft. high, bears NW. and SE.                             |         |
| 16.00  | Leave sand ridges, enter level land with scattered brush                        |         |
|        | bears N. and S.   |         |
| 40.04  | On flat, surface slightly broken,   |         |
|        | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in                           |         |
|        | the ground, for $\frac{1}{2}$ sec. cor., marked                                 |         |
|        | $\frac{1}{2}$ S29° on N., and   |         |
|        | S30° on S. face.  |         |
|        | Deposit a quart of glass at base of post.                                       |         |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;                        |         |
|        | and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, |         |
|        | N. of cor.  |         |
| 21.08  | The cor. of secs. 29, 30, 31 and 32.  |         |
|        | Land, low, rolling sand ridge on E. 16 chs. and level                           |         |
|        | flat on remainder of mile.  |         |
|        | Soil, damp sandy clay on flat, and loose white sand on                          |         |
|        | ridges.   |         |
|        | Undergrowth, scattered salt brush and few greasewoods.                          |         |
|        | Test, on random line bet. secs. 30 and 31.                                      |         |
| 40.00  | Set temp. $\frac{1}{2}$ sec. cor.   |         |
| 78.40  | Intersect E. bdy. of tp., 25 lks. N. of the cor. of                             |         |
|        | secs. 28, 30, 31 and 36, established by me in 1925                              |         |
|        | under Group No. 164, a fir post, 4 ins. square,                                 |         |
|        | showing 6 ins. above ground, properly marked as                                 |         |
|        | described in official records. No accessories to cor.                           |         |
|        | which stands in loose sand dunes.   |         |
|        | Thence  |         |
|        | N. 89°49' E., on true line bet. secs. 30 and 31.                                |         |
|        | Over low, rolling, barren sand dunes.   |         |
| 18.00  | Leave sand dunes, enter flat with very scattered salt                           |         |
|        | brush, bears N.70°W. and S.70°E.  |         |

Subdivision of T. 2 S. R. 14 W.

- ins
- 36.40 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S30 on N., and  
S31 on S. face.  
Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 78.40 The cor. of secs. 29, 30, 31 and 32.  
W. 18 chs. is low, rolling, barren sand dunes, with loose, white, shifting sand; remainder of mile is level alkali flat, with damp sandy clay soil, covered with a scant growth of short salt brush.
- 
- N. 0°04' W.; bet. secs. 29 and 30.  
Over level land with few scattered brush.
- 6.00 Leave all vegetation; bears E. and W.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S30 on W., and  
S29 on E. face.  
Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked  
T2S S20 on NE.,  
R14W S29 on SE.,  
S30 on SW., and  
S19 on NW. face; with 2 notches on S. and 5 notches on E. edge.  
Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
A brine encountered 1 ft. beneath surface.

## Subdivision of 10 S. 20, 21, 28 and 29

## Chains

Land, level alkali flat.

Soil, wet sand and sandy clay, saturated with saline mineral. No vegetation.

S. 89°59' E., on random line bet. secs. 20 and 29.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.08 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence

West, on true line bet. secs. 20 and 29.

Over level land void of vegetation.

40.04 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S20 on N., and  
S29 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

80.08 The cor. of secs. 19, 20, 29 and 30.

Land, level alkali flat.

Soil, varies from a heavy wet clay to wet sandy clay, and wet sand, saturated with brine.

No vegetation.

S. 89°50' W., on true line bet. secs. 19 and 30, for visible signal at the cor. of secs. 19, 24, 25 and 30 on W. bdy. of tp.

Over level land void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S19 on N., and  
S30 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

Subdivision of T. 2 S., R. 14 W.

Brine at  $\frac{1}{4}$  sec. cor. is 18 ins. beneath surface.

78.26  
2598

Intersect W. bdy. of tp., at the cor. of secs. 19, 24, 25 and 30, established by me in 1925 under Group No. 164, a fir post, 4 ins. square, showing 6 ins. above ground, properly marked and witnessed as described in official records.

Land, level alkali flat.

Soil, wet sandy-clay, having a thin white salty crust.

No vegetation.

From the cor. of secs. 19, 20, 29 and 30.  
N.  $0^{\circ}04'$  W., bet. secs. 19 and 20.

Over level land void of vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S19 on W., and  
S20 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor.

Brine 18 ins. beneath surface here.

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked

T2S S17 on NE.,  
R14W S20 on SE.,  
S19 on SW., and  
S18 on NW. face; with 3 notches  
on S. and 5 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.

Brine  $2\frac{1}{2}$  ft. beneath surface.

Land, level alkali flat.

Soil, wet sandy clay; thin salty crust on surface.

No vegetation.

## Subdivision of T. 2 S., R. 14 W.

Chains

angle

Fast, on random line bet. secs. 17 and 20.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.06

Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
16, 17, 20 and 21.

Thence

S.  $89^{\circ}59'$  W., on true line bet. secs. 17 and 20.

Over level land void of vegetation.

40.03

Set a fir post, 4 ft. long, 4 ins.<sup>16</sup> square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked $\frac{1}{4}$  S17 on N. face  
S20 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

80.06

The cor. of secs. 17, 18, 19 and 20.

Land, level alkali flat.

Soil, wet sandy clay, and heavy, sticky clay, saturated  
with mineral.

No vegetation.

S.  $89^{\circ}50'$  W., on true line bet. secs. 18 and 19, for  
signal at the cor. of secs. 13, 18, 19 and 24 on W.  
bdy. of tp.

Over level land void of vegetation.

4.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked $\frac{1}{4}$  S18 on N., and  
S19 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

78.11

Intersect W. bdy. of tp., at the cor. of secs. 13, 18,  
19 and 24, established by me in 1925 under Group No.  
164, a fir post, 4 ins. square, showing 20 ins. above

Subdivision of T. 2 S., R. 14 W.

Chains

ground, properly marked and witnessed as described  
in official records.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

From the cor. of secs. 17, 18, 19 and 20.

N. 0°04' W., bet. secs. 17 and 18.

Over level land void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S18 on W., and  
S17 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 ft. base, 1 ft. high,  
W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 7, 8, 17 and 18, marked

T2S S8 on NE.,  
R14W S17 on SE.,  
S18 on SW., and  
S7 on NW. face: with 4 notches on S.  
and 5 notches on E. edre.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

N. 89°59' E., on random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
8, 9, 16 and 17.

Thence

## Subdivision of T. 2 S., R. 14 W.

| Chains |   |
|--------|---|
|        | S. $89^{\circ}58'$ W., on true line bet. secs. 8 and 17.                      |
|        | Over level land void of vegetation.   |
| 40.03  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in                         |
|        | the ground, for $\frac{1}{2}$ sec. cor., marked                               |
|        | $\frac{1}{4}$ S8 on N., and   |
|        | S17 on S. face.   |
|        | Deposit a quart of glass at base of post.                                     |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;                      |
|        | and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, |
|        | N. of cor.  |
| 80.06  | The cor. of secs. 7, 8, 17 and 18.  |
|        | Land, level alkali flat.  |
|        | Soil, wet sandy clay, and heavy, sticky clay.                                 |
|        | No vegetation.  |
|        | S. $89^{\circ}52'$ W., on true line bet. secs. 7 and 18, for                  |
|        | signal at the cor. of secs. 7, 12, 13 and 18 on W.                            |
|        | bdy. of tp.   |
|        | Over level land void of vegetation.   |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in                         |
|        | the ground, for $\frac{1}{2}$ sec. cor., marked                               |
|        | $\frac{1}{4}$ S7 on N., and   |
|        | S18 on S. face.   |
|        | Deposit a quart of glass at base of post.                                     |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;                      |
|        | and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, |
|        | N. of cor.  |
| 77.96  | Intersect W. bdy. of tp., at the cor. of secs. 7, 12,                         |
|        | 13 and 18, established by me in 1925 under Group No.                          |
|        | 164, a fir post, 4 ins. square, showing 6 ins. above                          |
|        | ground, properly marked and witnessed as described                            |
|        | in official records.  |
|        | Land, level alkali flat.  |
|        | Soil, wet sandy clay, 2 to 3 ft. deep, on wet sticky                          |
|        | clay subsoil.   |
|        | No vegetation.  |

## Subdivision of T., 2 S., R. 14 W.

## Chains

From the cor. of secs. 7, 8, 17 and 18.

N.  $0^{\circ}04'$  W., bet. secs. 7 and 8.

Over level land void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S7 on W., and  
S8 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked

T2S S5 on NE.,  
R14W S8 on SE.,  
S7 on SW., and  
S6 on NW. face; with 5 notches on  
S. and E. edges.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level alkali flat.

Soil, wet sandy clay, and clay.

No vegetation.

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N.  $89^{\circ}58'$  E., on random line bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence

S.  $89^{\circ}57'$  W., on true line bet. secs. 5 and 8.

Over level land void of vegetation.

40.03 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S5 on N., and  
S8 on S. face.

Deposit a quart of glass at base of post, and also a



Subdivision of T. 2 S., R. 14 W.

Chains

2010

gray granite rock, 24x16x14 ins., alongside W. edge of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

48.00 The W. end of low sand rises extending easterly about 1 mile, bears S. of line 2 chs. dist.

49.66 The cor. of secs. 5, 6, 7 and 8.  
Land, level alkali flat.  
Soil, wet sandy clay.  
No vegetation.

S. 89°53' E., on true line bet. secs. 6 and 7, for signal at the cor. of secs. 1, 6, 7 and 12 on W. bdy. of tp.

Over level land void of vegetation.

49.76 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for 1 sec. cor., marked

36 on N., and  
37 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

77.79 Intersect W. bdy. of tp., at the cor. of secs. 1, 6, 7 and 12, established by me in 1925 under Group No. 164; a fir post, 4 ins. square, showing 8 ins. above ground, properly marked and witnessed as described in official records.

Land, level alkali flat.

Soil, wet sandy clay, and sticky clay, saturated with mineral.

No vegetation.

Subdivision of T. 2 S., R. 14 W.

Chains

From the cor. of secs. 5, 6, 7 and 8.

N.  $0^{\circ}04'$  W., on true line bet. secs. 5 and 6, for signal  
at the cor. of secs. 5, 6, 31 and 32 on N. bdy. of tp.  
Over level alkali flat, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S6 on W., and  
S5 on E. face.

Deposited a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

43.00 Enter scattered salt brush, and slightly broken surface.  
bears E. and W.

64.00 Leave flat, enter low sand rises with heavier brush,  
bears W. and S.  $60^{\circ}$  E.

79.85 Intersect N. bdy. of tp., at the cor. of secs. 5, 6, 31  
and 32, established by me in 1925 under Group No. 164,  
a fir post, 4 ins. square, showing 6 ins. above ground,  
properly marked and witnessed as described in official  
records.

Land, level alkali flat on S. 64 chs.: low rolling  
sand rises, about 5 ft. high, on remainder of mile.

Soil, damp sandy clay, sticky clay, and loose sand.

Undergrowth, salt brush, 1 ft. high, on N. portion of  
mile.

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For table of latitudes and departures see book "H"  
Group 164, Utah.

GENERAL DESCRIPTION.

This township is situated on the Great Salt Lake Desert or Basin and is in general a level alkali flat, with the exception of along the south boundary where low, rolling, white sand dunes are located, and along the east portion where low, scattered sand rises and ridges of from a few feet to maximum height of approximately seventy-five are found. There is no drainage.

The township is covered with a scattered growth of short salt brush about one foot high, with a few greasewoods and shadscale brush, except along the west portion which is nearly destitute of vegetation. The soil is principally a damp to wet sandy clay, heavy sticky clay and sand, saturated with mineral of saline character, on the flat; on the dunes and rises the soil is a dry, loose sand, can all be classed as 4th rate. A saline brine is encountered in the west portion of the township at from 1 to 3 feet beneath the surface.

There are no settlers nor improvements in the township. No indications of coal, oil, nor mineral other than of saline character were found.

No magnetic declination was taken, owing to defective needle.

BOOK A-489

4-680  
(August, 1936)

**FIELD ASSISTANTS.**

[illegible]

U. S. CADASTRAL ENGINEER  
**CERTIFICATE OF UNITED STATES SUPERVISOR**

I, Andrew Nelson, U.S. Cadastral Engineer, U.S. Engineer, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 13th day of October, 1927, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisional lines of Township No. 2 South, Range No. 14 West of the Salt Lake Base and Meridian of the Utah Meridian, in the State of Utah, which are represented on the foregoing field notes as having been executed by me, and under my direction, and that all the corners and points of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah  
Dec. 22, 1928.

Andrew Nelson  
U.S. Cadastral Engineer. U.S. Engineer

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLORADO. MAR 12 1929, 19

The foregoing field notes of the survey of the subdivisional lines of Township No. 2 South, Range No. 14 West, S.L.B. & Mer.

Examined by Andrew Nelson, U.S. Cadastral Engineer, Utah in pursuance of special instructions dated October 13, 1927, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved

Andrew Nelson  
U.S. Supervisor of Surveys

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~  
~~has been correctly copied from the original notes on file in this office~~

U.S. Supervisor of Surveys

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BOOK A-489

## FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

OF

TOWNSHIP 2 SOUTH, RANGE 16 WEST

RECEIVED

JAN 5 1929

Department Of The Interior

Public Survey Office

Salt Lake City, Utah

Of the SALT LAKE BASE AND Meridian,

the State of UTAH

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER

~~in capacity of U. S. Surveyor~~, under instructions dated October 13, 1927.and by the ~~United States Surveyor General~~ District Cadastral Engineer to govern surveys included in

p No. 206, which were approved by the Commissioner of the General Land

, October 29, 1927, ~~and~~ Assignment Instructions dated

18, 1928

Survey commenced August 9, 1928, 101

Survey completed August 20, 1928, 101



BOOK A-489

# INDEX DIAGRAM.

Township No. 2 South, Range NO. 15 West

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 6  | 42 | 5  | 33 | 4  | 26 | 3  | 18 | 2  | 11 | 1  |
| 42 |    | 41 |    | 32 |    | 25 |    | 18 |    | 10 |
| 7  | 41 | 8  | 31 | 9  | 24 | 10 | 17 | 11 | 9  | 12 |
| 40 |    | 39 |    | 31 |    | 24 |    | 16 |    | 9  |
| 18 | 39 | 17 | 30 | 16 | 23 | 15 | 16 | 14 | 8  | 13 |
| 38 |    | 38 |    | 30 |    | 23 |    | 16 |    | 7  |
| 19 | 37 | 20 | 29 | 21 | 22 | 22 | 14 | 23 | 7  | 24 |
| 36 |    | 36 |    | 28 |    | 21 |    | 14 |    | 6  |
| 30 | 35 | 29 | 28 | 28 | 21 | 27 | 13 | 26 | 5  | 25 |
| 36 |    | 34 |    | 27 |    | 20 |    | 12 |    | 4  |
| 31 | 33 | 32 | 27 | 33 | 19 | 34 | 11 | 35 | 3  | 36 |

# DATE DIAGRAM TOWNSHIP 2 SOUTH RANGE 15 WEST

Date Diagram, T. 2 S., R. 15 W.

|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 6       | 8-20/28 | 8-17/26 | 4       | 8-17/26 | 8-17/26 | 8-17/26 |
| 8-20/28 | 8-20/28 | 8-17/26 | 8-17/26 | 8-17/26 | 8-17/26 | 8-17/26 |
| 7       | 8-20/28 | 8-17/26 | 9       | 8-15/26 | 8-11/26 | 8-11/26 |
| 8-20/28 | 8-20/28 | 8-17/26 | 8-17/26 | 8-13/26 | 8-11/26 | 8-11/26 |
| 18      | 8-18/28 | 8-17/26 | 16      | 8-13/26 | 8-11/26 | 8-11/26 |
| 8-18/28 | 8-18/28 | 8-17/26 | 8-17/26 | 8-13/26 | 8-11/26 | 8-11/26 |
| 19      | 8-18/28 | 8-14/26 | 11      | 8-13/26 | 8-13/26 | 8-13/26 |
| 8-18/28 | 8-18/28 | 8-14/26 | 8-14/26 | 8-13/26 | 8-13/26 | 8-13/26 |
| 20      | 8-18/28 | 8-14/26 | 13      | 8-13/26 | 8-13/26 | 8-13/26 |
| 8-18/28 | 8-18/28 | 8-14/26 | 8-14/26 | 8-13/26 | 8-13/26 | 8-13/26 |
| 21      | 8-18/28 | 8-14/26 | 13      | 8-13/26 | 8-13/26 | 8-13/26 |
| 8-18/28 | 8-18/28 | 8-14/26 | 8-14/26 | 8-13/26 | 8-13/26 | 8-13/26 |

All lines surveyed by Andrew Nelson, C.E. 1900  
Engineer.

Survey commenced August 9, 1928, and executed with a Buff & Buff transit No. 9978, equipped with U-shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated July 18, 1928.

The country over which the lines of this survey extend is all open, and mostly level, lying on the Great Salt Lake Desert. All azimuth determinations were accomplished by observations made on Polaris and the lines deflected therefrom and carried forward by double fore and back sights, and also checked against the boundaries which were previously surveyed by me from lines determined by Polaris observations.

I examine the adjustments of the transit and find no errors.

Aug. 8th: At the cor. of secs. 1, 2, 35 and 36 on S. bdy. of tp., in approximate latitude  $40^{\circ} 36'$  N., longitude  $113^{\circ} 30'$  W., at 11h 3.9m p.m. by my watch which is 34m fast of local mean time, as compared with a Western Union clock at Salduro, Utah recently, I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, reading the deflection angle from a lath driven firmly in the ground  $\frac{1}{2}$  mile N., east to Polaris.

Local Mean Time of observation = 10h 29.9m p.m.  
 Azimuth of Polaris at eastern elongation =  $1^{\circ} 25' 41''$  E.  
 Mean deflection angle =  $1^{\circ} 25' 41''$  E.  
 True bearing of lath = N.  $9^{\circ} 00' 30''$  E.

Chains

32 ft

### Measurements:

All measurements are made with a Lallie steel ribbon-tape, eight (8) chains in length, compared with a Lufkin Standard steel-tape one chain in length, and found correct. Vertical angles, where necessary, determined with large improved K. & E. clinometers, and the slope measurements properly reduced to true horizontal distances, which only appear in these notes.

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Owing to the saline character of the soil in this township the regulation iron survey posts are substituted with dressed fir posts with gabled or wedge shaped tops, 4 ins. square, 4 ft. long, and having a one inch hole about six inches from bottom through which a peg eight inches long is placed, serving as an anchor. The top half of the posts are saturated with boiled linseed oil. The markings on the posts are made with timber scribes and further deepened with chisels. Glass was deposited at the base of each and every post, being placed at from 3 to 4 inches beneath surface of ground.

### SUBDIVISION OF TOWNSHIP 2' SOUTH RANGE 15 WEST:

Commence at the corner of secs. 1, 2, 35 and 36, on S. bdy. of T. 2 S., R. 15 W., in approximate lat.  $40^{\circ}36'$  N., long.  $112^{\circ}30'$  W., which is a fir post, 4 ins. square, extending 8 ins. above ground, properly marked and witnessed as described by me in official records of surveys of exteriors under Group No. 164, Utah.

Thence

N.  $0^{\circ}01'$  W., bet. secs. 35 and 36.

Over level land; through short scattered brush.

24.00 Leave level land, enter low, rolling sandy rises and

Subdivision of T. 2 S., R. 15 W.

Chains

and on

40.00

ridges or hills with loose sand, bears N.70°W. and SE.

On summit of low hills or rises,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S35 on W., and  
S36 on E. face.

Deposit a quart of glass at base of post.

No accessories to cor. on account of deep, loose sand.

60.00

Leave sand ridges, enter nearly level flat with scattered brush, bears generally NE. and W.

80.00

On level land,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked

T2S S25 on NE.  
R15W S36 on SE.,  
S35 on SW., and  
S26 on NW. face; with 1 notch on S.  
and E. edges.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level flats on N. and S. portions of mile, and low, rolling rises or hills, from few feet to approximately 50 ft. high, on central portion.

Soil, damp to wet sandy clay on flats, and dry, loose sand on rises.

Undergrowth, scattered salt brush and few greasewoods.

East, on random line bet. secs. 25 and 36.

40.00

Set temp.  $\frac{1}{2}$  sec. cor.

80.02

Intersect E. bdy. of tp., 28 lks. N. of the original cor. of secs. 25, 30, 31 and 36, established by me

in 1925 under Group No. 164; which has a fir post, 4 ins. square, properly marked as described in official records. No accessories to cor. which stands in loose, shifting sand among low dunes, basal level zero

Thence

the same as before, and same basal level zero

Subdivision of T. 2 S., R. 15 W.

Chains

N. 89°48' W., on true line bet. secs. 25 and 36.

Over low, rolling, white sand dunes, through a few tall greasewoods.

40.01

In clay depression on N. edge of dunes,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on N., and  
S36 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Continue over sand ridges and low rises.

71.00

Top of a sand ridge, 35 ft. high, bears nearly N. and S.

74.00

W. base of sand ridge, enter flat, bears N. and S.

80.02

The cor. of secs. 25, 26, 35 and 36.

Land, low, rolling sand dunes, ridges and rises, interspersed with narrow flats on W.  $\frac{1}{2}$  mile. Line follows along near N. edge of dunes and ridges.

Soil, dry, loose, shifting, white sand on dunes and ridges, damp sandy clay on flat.

Undergrowth, scattered salt brush, 1 ft. high, and few greasewoods, 3 to 4 ft. high.

---

N. 0°01' W., bet. secs. 25 and 26.

Over nearly level flat with scattered brush and hummocks.

24.00

Leave all vegetation and hummocks, bears E. and W.; continue over barren alkali flat.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S26 on W., and  
S25 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Subdivision of T. 2 S., R. 15 W.

Chains

enter

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked

T2S S24 on NE.,  
R15W S25 on SE.,  
S26 on SW., and  
S23 on NW. face; with 2 notches on S. and 1 notch on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat: few small hummocks on S. end.  
Soil, damp sandy clay and clay; thin, white crust on  
portions of mile.

Undergrowth, scattered salt brush on S. portion of mile.

S. 89°48' E., on random line bet. secs. 24 and 25.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.04

Intersect E. bdy. of tp., at the original cor. of secs.  
19, 24, 25 and 30, established by me in 1925 under  
Group No. 164, a fir post, 4 ins. square, properly  
set, marked and witnessed as described in official  
records.

Thence

N. 89°48' W., on true line bet. secs. 24 and 25.

Over level land, void of vegetation.

40.02

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on N., and  
S25 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

80.04

The cor. of secs. 23, 24, 25 and 26.

Land, level alkali flat.

Soil, damp to wet sandy clay, saturated with mineral.

No vegetation.

W. 0°01' W., bet. secs. 23 and 24.

Over level land, void of vegetation.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S23 on W., and  
S24 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

Brine encountered at 2 ft. beneath surface.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked

T2S S13 on NE.,  
R15W S24 on SE.,  
S23 on SW., and  
S14 on NW. face: with 3 notches on S. and  
1 notch on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Saline brine, 24 ins. beneath surface.

Land, level alkali flat; thin salty crust on surface.

Soil, wet sandy clay.

No vegetation.

S. 89°48' E., on random line bet. secs. 13 and 24.

Set temp.  $\frac{1}{4}$  sec. cor.

Intersect E. bdy. of tp. at the original cor. of secs.

13, 18, 19 and 24, established by me in 1925 under

Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.



Subdivision of T. 2 S., R. 15 W.

Chains

Thence

N. 89°48' W., on true line bet. secs. 13 and 24.

Over level land, void of vegetation.

40.02½

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for ¼ sec. cor., marked

¼ S13 on N., and

S24 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins.; E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor.

80.05

The cor. of secs. 13, 14, 23 and 24.

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

N. 0°01' W., bet. secs. 13 and 14.

Over level land, void of vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for ¼ sec. cor., marked

¼ S14 on W., and

S13 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor.

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

the ground, for cor. of secs. 11, 12, 13 and 14, marked

T2S S12 on NE.,

R15W S13 on SE.,

S14 on SW., and

S11 on NW. face; with 4 notches on S. and 1 notch on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.

Subdivision of T. 2 S., R. 15 W.

Land, level alkali flat.

Soil, wet sand and sandy clay, saturated with mineral.

No vegetation.

S.  $89^{\circ}48'$  E., on random line bet. secs. 12 and 13.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect E. bdy. of tp., 2 lks. S. of the original cor. of secs. 7, 12, 13 and 18, established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Thence

N.  $89^{\circ}49'$  W., on true line bet. sec. 12 and 13.

Over level land, void of vegetation.

40.02 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S12 on N., and  
S12 on S. face.

Deposit a quart of glass at base of post.

Dig pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

80.06 The cor. of secs. 11, 12, 13 and 14.

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

N.  $0^{\circ}01'$  W., bet. secs. 11 and 12.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S11 on W., and  
S12 on E. face.

Deposit a quart of glass at base of post.

Dig pits,  $18 \times 18 \times 12$  ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

Subdivision of T. 2 S., R. 15 W.

| Chains |  |
|--------|--|
|        | W. of cor.   |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for sec. cor. of secs. 1, 2, 11 and 12, marked   |
|        | T2S S1 on NE.,<br>R15W S12 on SE.,<br>S11 on SW., and<br>S2 on NW. face; with 5 notches on S. and 1 notch on E. edge.  |
|        | Deposit a quart of glass at base of post.  |
|        | Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  |
|        | Land, level alkali flat.   |
|        | Soil, wet, sticky clay and sandy clay.   |
|        | No vegetation.   |
|        | S. 89°49' E., on random line bet. secs. 1 and 12.  |
| 40.00  | Set temp. ¼ sec. cor..   |
| 80.08  | Intersect E. bdy. of tp., 2 lks. S. of the original cor. of secs. 1, 6, 7 and 12, established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records. |
|        | Thence   |
|        | N. 89°50' W., on true line bet. secs. 1 and 12.  |
|        | Over level land, void of vegetation.   |
| 40.04  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for ½ sec. cor., marked  |
|        | ¼ S1 on N., and  |
|        | S12 on S. face.  |
|        | Deposit a quart of glass at base of post.  |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.  |
| 80.08  | The cor. of secs. 1, 2, 11 and 12.   |

Land, level alkali flat.

Soil, wet, sticky clay and sandy clay.

No vegetation.

N. 0°03' E., on true line bet. secs. 1 and 2, for  
signal at the cor. of secs. 1, 2, 35 and 36, on N. bdy.

Over level land, void of vegetation.

31.00 Enter scattered salt brush, bears E. and W.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S2 on W., and  
S1 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

79.78 Intersect the original cor. of secs. 1, 2, 35 and 36, on  
N. bdy. of tp., established by me in 1925 under Group  
No. 164, a fir post, 4 ins. square, properly set,  
marked and witnessed as described in official records.

Land, level alkali flat.

Soil, damp to wet, sticky clay and sandy clay.

Undergrowth, short, scattered salt brush on N. portion  
of mile.

From the original cor. of secs. 2, 3, 34 and 35, on S.  
bdy. of tp., established by me in 1925 under Group  
No. 164, a fir post, 4 ins. square, properly set,  
marked and witnessed as described in official records.

Thence

N. 0°02' W., bet. secs. 34 and 35.

Over level land, nearly void of vegetation.

10.00 Cross E. point of low sand ridge, bears NW. and SW.

29.80 Base of sand hill, 15 ft. high, bears NE. and W.

39.00 On top of sand hill, 40 ft. high, bears NE. and W.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

Subdivision of T. 2 S., R. 15 W.

| Chains |  |
|--------|--|
|        | the ground, for $\frac{1}{2}$ sec. cor., marked<br>$\frac{1}{2}$ S34 on W., and<br>S35 on E. face.<br>Deposit a quart of glass at base of post.<br>No accessories to cor. on account of loose sand.  |
| 42.60  | N. base of sand hill, bears NW. and SE.; continue over flat.   |
| 47.00  | Leave flat, enter low sand rises or ridges, bears W. and SE.   |
| 51.00  | On low sand rise,<br>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked<br>T2S S26 on NE.,<br>R15W S35 on SE.,<br>S24 on SW., and<br>S27 on NW. face; with 1 notch on S. and 2 notches on E. edge.<br>Deposit a quart of glass at base of post.<br>Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.<br>Land, level flat with scattered sand ridges and rises. Soil, damp sandy clay on flats, and dry, loose sand on ridges.<br>Undergrowth, scattered salt brush and few greasewoods on portions of mile. |
|        | East, on random line bet. secs. 26 and 35.   |
| 40.00  | Set temp. $\frac{1}{2}$ sec. cor.  |
| 80.00  | Intersect the cor. of secs. 25, 26, 35 and 36.<br>Thence<br>West, on true line bet. secs. 26 and 35.<br>Over level land with slightly uneven surface, through scattered brush.   |
| 25.00  | Leave flat, enter rolling sand rises and ridges, from 5 to 50 ft. high, bears NW. and S.   |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in.   |

## Subdivision of T. 2 S., R. 15 W.

Chains

the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S26 on N., and  
S35 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

Cor. stands in S. edge of flat at N. base of sand rise.

70.00 Cross narrow neck of flat, near S. end, which crosses  
to N.

75.40 Low, narrow sand ridge, bears NW. and SE.

80.00 The cor. of secs. 26, 27, 34 and 35.

Land, level flat and low, rolling sand ridges from a  
few feet to 50 ft. high. Line follows along, and over  
north edge of ridges and low dunes extending southeast-  
erly.

Soil, loose, dry sand, and damp sandy clay.

Undergrowth, scattered salt brush and greasewoods.

N. 0°02' W., bet. secs. 26 and 27.

Over low sand ridges, through scattered brush.

9.00 Top of a low sand ridge, 5 ft. high, bears NW. and SE.

15.00 Leave ridges and brush, enter barren alkali flat, bears  
NW. and SE.

40.00 On level flat.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S27 on W., and  
S26 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 22, 23, 26 and 27,  
marked

Subdivision of T. 2 S., R. 15 W.

Chains

T2S S23 on NE.,  
R15W S26 on SE.,  
S27 on SW., and  
S22 on NW. face: with 2 notches on S.  
and E. edges.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat, with low sand ridge on S. end  
of mile.

Soil, damp sandy clay, and wet sticky clay.

Undergrowth, scattered salt brush on S. portion of mile.

East, on random line bet. secs. 23 and 26.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect N. and E. line, 2 lks. S. of the cor. of secs.  
23, 24, 25 and 26.

Thence

S. 89°59' W., on true line bet. secs. 23 and 26.

Over level land, void of vegetation.

39.99 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S23 on N., and,  
S26 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

79.98 The cor. of secs. 22, 23, 26 and 27.

Land, level alkali flat.

Soil, wet, sticky clay and sandy clay.

No vegetation.

N. 0°02' W., bet. secs. 22 and 23.

Over level land, void of vegetation.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S22 on W., and  
S23 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked

T25 S14 on NE.,  
R15W S23 on SE.,  
S22 on SW., and  
S15 on NW. face: with 3 notches on S. and 2 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 52 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level alkali flat.

Soil, wet sand clay, saturated with mineral. A pipe encountered 24 ins. beneath surface.

No vegetation.

N. 89°59' E., on random line bet. secs. 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect the cor. of secs. 13, 14, 23 and 24.

Thence

S. 89°59' W., on true line bet. secs. 14 and 23.

Over level land, void of vegetation.

89.96 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S14 on N., and  
S23 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

E. of cor. Deposit a quart of glass at base of post.

The cor. of secs. 14, 15, 22 and 23.



## Subdivision of T. 2 S., R. 15 W.

## Chains

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

N.  $0^{\circ}02'$  W. bet. secs. 14 and 15.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S15 on W., and  
S14 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked

T2S S11 on NE.,  
R15W S14 on SE.,  
S15 on SW., and  
S10 on NW. face; with 4 notches on S.  
and 2 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

N.  $89^{\circ}59'$  E., on random line bet. secs. 11 and 14.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect cor. of secs. 11, 12, 13 and 14.

Thence

S.  $89^{\circ}59'$  W., on true line bet. secs. 11 and 14.

Over level land, void of vegetation.

## Subdivision of T. 2 S., R. 15 W.

Chains

39.98

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S11 on N., and  
S14 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

79.96

The cor. of secs. 10, 11, 14 and 15.

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

N.  $0^{\circ}02'$  W., bet. secs. 10 and 11.

Over level land, void of vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S10 on W., and  
S11 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Continue over level land, entering scattered salt brush, bears E. and W.

56.00

Leave flat, enter low sand rise, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.; thence over rise about 10 to 15 ft. high, with loose sandy soil and heavier brush.

72.50

Leave rise, reenter flat, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

80.00

On level flat,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked

T2S S2 on NE.,  
R15W S11 on SE.,  
S10 on SW., and  
S3 on NW. face; with 5 notches on S. and  
2 notches on E. edge.

# Subdivision of T. 10 N. 36 E. 10 S.

| Chains |  |
|--------|--|
|        | <p>Deposit a quart of glass at base of post, a 1st</p> <p>Dig pits, 18x18x12 ins., in each sec., 5 ft. dist. E. and W. of cor. and raise a mound of earth, 4 ft. base, 2 ft. high.</p> <p>Land, level alkali flat, with a low sand rise on N. 1/2 mile.</p> <p>Soil, damp sandy clay, and loose sand.</p> <p>Undergrowth, scattered salt brush on N. 1/2 mile.</p> |
|        | <p>N. 89°59' E., on random line bet. secs. 2 and 11.</p>   |
| 40.00  | Set temp. 1 sec. cor.  |
| 79.98  | Intersect the cor. of secs. 1, 2, 11 and 12.   |
|        | Thence   |
|        | <p>S. 89°59' W., on true line bet. secs. 2 and 11.</p> <p>Over level land, through scattered salt brush.</p>   |
| 36.00  | Enter heavier brush, and few scattered sand rises, 1 to 3 ft. high, bears NW. and SW.  |
| 39.99  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for 1/2 sec. cor., marked  |
|        | <p>1/2 S2 on N., and</p> <p>S11 on S. face.</p>  |
|        | <p>Deposit a quart of glass at base of post.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high.</p> <p>N. of cor.</p>  |
| 56.50  | Top of sand rise, 3 ft. high, 3 chs. in diam., on line   |
| 79.98  | The cor. of secs. 2, 3, 10 and 11.   |
|        | <p>Land, level alkali flat, with few small sand rises on W. portion of mile.</p> <p>Soil, damp, firm sandy clay, and sand.</p> <p>Undergrowth, scattered salt brush.</p>   |
|        | <p>N. 0°03' E., on random line bet. secs. 1 and 11.</p>  |
| 40.00  | Set temp. 1 sec. cor.  |
| 79.81  | Intersect N. bdy. of tp., 5 lks. E. of the   |

Subdivision of T. 2 S., R. 15 W.

Chains

of secs. 2, 3, 34 and 35, established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Thence

S.  $0^{\circ}01'$  W., on true line bet. secs. 2 and 3.

Over level land, through scattered brush.

39.81 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S3 on W., and  
S2 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 36 ft. base, 12 ft. high, W. of cor.

55.80 Leave flat, enter low sand ridge, bears NW. and E.

62.00 Top of ridge, 20 ft. high, bears E. and W.

67.70 Leave sand ridge, reenter flat, bears N.  $20^{\circ}$  E. and SW.

79.81 The cor. of secs. 2, 3, 10 and 11.

Land, level alkali flat, with scattered sand ridges.

Soil, damp sandy clay on flat, and loose sand mixed with some clay on ridges.

Undersrowth, scattered salt brush.

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From the cor. of secs. 2, 4, 33 and 34, on S. bdy. of tp., established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Thence

N.  $0^{\circ}02'$  W., bet. secs. 33 and 34.

Over level land, void of vegetation.

26.00 SE. end of low sand ridge extending northwesterly approximately  $\frac{1}{4}$  mile, bears W. of line 3 chs. dist.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

# Summary of T. ...

## Chains

1. S33 on W., and S. 33 on E. face.  
 Deposit a quart of glass at base of post.  
 Dig pits, 18x18x12 ins., N. and S. of post, 8 ft. dist.  
 and raise a mound of earth, 3½ ft. base, 1½ ft. high  
 W. of cor.  
 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for cor. of secs. 27, 28, 33 and 34, marked  
 T2S S27 on NE.,  
 R18W S34 on SE.,  
 S33 on SW., and  
 S28 on NW. face; with 1 notch on S. and  
 3 notches on E. edge.  
 Deposit a quart of glass at base of post.  
 Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor.  
 Land, level alkali flat. 08.23  
 Soil, wet sandy clay. 02.35  
 No vegetation. 07.75  
 13.00  
 East, on random line bet. secs. 27 and 34.  
 40.00 Set temp. ½ sec. cor.  
 81.04 Intersect the cor. of secs. 26, 27, 34 and 35.  
 Thence  
 West, on true line bet. secs. 27 and 34.  
 Over low sand rises and hummocks, with scattered brush.  
 12.00 Leave sand rises and hummocks, bears N. and E., continue  
 over level land.  
 30.00 Leave all vegetation, bears NE. and S.  
 40.02 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for ½ sec. cor., marked  
 ½ S27 on N., and  
 S34 on S. face.  
 Deposit a quart of glass at base of post.  
 Dig pits, 18x18x12 ins., E. and W. of post, 8 ft.  
 and raise a mound of earth, 3½ ft. base, 1½ ft. high  
 N. of cor.

chains

80.04

The cor. of secs. 27, 28, 33 and 34.

Land, level alkali flat, with low sand rises on E.

end of mile:

Soil, wet sandy clay.

Undergrowth, scattered salt brush on E. end of mile.

N. 0°02' W., bet. secs. 27 and 28.

Over level land, void of vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S28 on W., and  
S27 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked

T2S S22 on NE.,  
R15W S27 on SE.,  
S28 on SW., and  
S21 on NW. face; with 2 notches on S.  
and 3 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.

and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

East, on random line bet. secs. 22 and 27.

40.00

Set temp  $\frac{1}{2}$  sec. cor.

80.03

Intersect the cor. of secs. 22, 23, 26 and 27.

Thence

Subdivision of T. 2 S., R. 23 W.

| Chains              |  |       |
|---------------------|--|-------|
|                     | West, on true line bet. secs. 22 and 27:   | 40.01 |
|                     | Over level land, void of vegetation.   |       |
| 40.01 $\frac{1}{2}$ | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  |       |
|                     | the ground, for $\frac{1}{4}$ sec. cor., marked  |       |
|                     | $\frac{1}{4}$ S22 on N., and<br>S27 on S. face.  |       |
|                     | Deposit a quart of glass at base of post.  |       |
|                     | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  |       |
|                     | and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,                                  |       |
|                     | N. of cor.   |       |
| 80.03               | The cor. of secs. 21, 22, 27 and 28.   |       |
|                     | Land, level alkali flat.   |       |
|                     | Soil, wet sandy clay, saturated with mineral.  |       |
|                     | No vegetation.   |       |
|                     |  |       |
|                     | N. 0°02' W., bet. secs. 21 and 22.   |       |
|                     | Over level land, void of vegetation.   |       |
| 40.00               | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  |       |
|                     | the ground, for $\frac{1}{4}$ sec. cor., marked  |       |
|                     | $\frac{1}{4}$ S21 on W., and<br>S22 on E. face.  |       |
|                     | Deposit a quart of glass at base of post.  |       |
|                     | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;   |       |
|                     | and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,                                  |       |
|                     | W. of cor.   |       |
| 80.00               | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  |       |
|                     | the ground, for cor. of secs. 15, 16, 21 and 22, marked  |       |
|                     | T2S S15 on NE.,<br>R15W S22 on SE.,<br>S21 on SW., and<br>S16 on NW. face; with 3 notches on S.<br>and E. edges. |       |
|                     | Deposit a quart of glass at base of post.  |       |
|                     | Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.;  |       |
|                     | and raise a mound of earth, 4 ft. base, 2 ft. high,  |       |
|                     | W. of cor.   |       |
|                     | Twin Nipples on Wildcat Mountain, bears S. 42° 58' E.  |       |
|                     | High point on Dutch Mountain, bears S. 29° 23' W.  |       |

## Subdivision of T. 2 S., R. 15 W.

## Chains

Pilot Peak (S. end) bears N.46°29'W.

High point on Floating Island, bears N.14°45' W.

High peak in Newfoundland Mountain, bears N.13°24'E.

Land, level alkali flat.

Soil, wet sandy clay. Brine at 24 ins. beneath surface.

No vegetation.

---

East, on random line bet. secs. 15 and 22.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.03 Intersect the cor. of secs. 14, 15, 22 and 23.

Thence

West, on true line bet. secs. 15 and 22.

Over level land, void of vegetation.

40.01 $\frac{1}{2}$  Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S15 on N., and  
S22 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

80.03 The cor. of secs. 15, 16, 21 and 22.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

---

N. 0°02' W., bet. secs. 15 and 16.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S16 on W., and  
S15 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Brine encountered at 24 ins. beneath surface.



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Subdivision of T. 2 S., R. 15 W.

| Chains |  |
|--------|--|
| 80.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked</p> <p style="padding-left: 100px;">T2S S10 on NE.,<br/>R15W S15 on SE.,<br/>S16 on SW., and<br/>S9 on NW. face; with 4 notches on S. and 3 notches on E. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:<br/>and raise a mound of earth, 4 ft. base, 2 ft. high,<br/>W. of cor. Deposit a quart of glass at base of post.<br/>Land, level alkali flat.<br/>Soil, wet sandy clay, and sticky clay.<br/>No vegetation. Slight salt crust on portions of mile.</p> <hr/> <p>East, on random line bet. secs. 10 and 15.</p> |
| 40.00  | Set temp. ¼ sec. cor.  |
| 80.03  | <p>Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.</p> <p>Thence<br/>S. 89°59' W., on true line bet. secs. 10 and 15.<br/>Over level land, void of vegetation.</p>   |
| 40.01½ | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for ¼ sec. cor., marked</p> <p style="padding-left: 100px;">¼ S10 on N., and<br/>S15 on S. face.</p> <p>Deposit a quart of glass at base of post.<br/>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:<br/>and raise a mound of earth, 3½ ft. base, 1½ ft. high,<br/>N. of cor.</p>   |
| 80.03  | <p>The cor. of secs. 9, 10, 15, and 16.</p> <p>Land, level alkali flat.<br/>Soil, wet sandy clay, and sticky white clay.<br/>No vegetation.</p> <hr/> <p>N. 0°02' W., bet. secs. 9 and 10.<br/>Over level land, void of vegetation.</p>  |
| 39.00  | Enter few scattered salt brush.  |

## Subdivision of T. 2 S., R. 15 W.

| Chains |  |
|--------|--|
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked<br>$\frac{1}{4}$ S9 on W., and<br>S10 on E. face.<br>Deposit a quart of glass at base of post.<br>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:<br>and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,<br>W. of cor.  |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked<br>T2S S3 on NE.,<br>R15W S10 on SE.,<br>S9 on SW., and<br>S4 on NW. face: with 5 notches on S.<br>and 3 notches on E. face.<br>Deposit a quart of glass at base of post.<br>Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.:<br>and raise a mound of earth, 4 ft. base, 2 ft. high,<br>W. of cor.<br>Land, level alkali flat.<br>Soil, wet sandy clay, and sticky clay.<br>Undergrowth, very scattered salt brush on N. portion of<br>mile. |
| 40.00  | N. 89°59' E., on random line bet. secs. 3 and 10.<br>Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.02  | Intersect the cor. of secs. 2, 3, 10 and 11.<br>Thence<br>S. 89°59' W., on true line bet. secs. 3 and 10.<br>Over level land, through scattered brush.   |
| 10.50  | Leave flat, enter low sand rises, 5 to 15 ft. high,<br>with heavier brush and loose sandy soil, bears NW. and<br>SE.   |
| 39.75  | Leave sandy rises, reenter flat, bears N. and SE.  |
| 40.01  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked  |

## Subdivision of T. 2 S., R. 15 W.

| Chains |   |
|--------|---|
|        | $\frac{1}{4}$ S3 on N., and<br>S10 on S. face.  |
|        | Deposit a quart of glass at base of post.<br>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.<br>and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,<br>N. of cor.                               |
| 80.02  | The cor. of secs. 3, 4, 9 and 10.<br>Land, level alkali flat, and low sandy rises.<br>Soil, damp sandy clay, sticky clay, and loose sand.<br>Undergrowth, scattered salt brush on mile.   |
|        | <hr/> N. 0°01' E., on random line bet. secs. 3 and 4.   |
| 40.00  | Set temp. $\frac{1}{2}$ sec. cor.   |
| 79.85  | Intersect N. bdy. of tp., at the original cor. of secs.<br>3, 4, 33 and 34, established by me in 1925 under<br>Group No. 164, a fir post, 4 ins. square, properly<br>set, marked and witnessed as described in official<br>records. |
|        | Thence  |
|        | S. 0°01' W., on true line bet, secs. 3 and 4.   |
|        | Over level land, through scattered brush.   |
| 13.75  | Leave level land, enter sand ridge, bears N.70°E. and W.  |
| 20.00  | Top of ridge, 30 ft. high, bears E. and W.  |
| 24.00  | S. base of ridge, reenter flat, bears S.70°E., and<br>N.70°W. for approximately 10 chs. to end.   |
| 39.85  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in<br>the ground, for $\frac{1}{2}$ sec. cor., marked  |
|        | $\frac{1}{4}$ S4 on W., and<br>S3 on E. face.   |
|        | Deposit a quart of glass at base of post.<br>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.<br>and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,<br>W. of cor.                               |
| 79.85  | The cor. of secs. 3, 4, 9 and 10.<br>Land, level alkali flat, with a sand ridge on N. $\frac{1}{2}$ mile.<br>Soil, damp, sticky sandy clay, and loose sand.<br>Undergrowth, scattered salt brush, on mile.                          |

Subdivision of T. 2 S., R. 15 W.

Chains

From the original cor. of secs. 4, 5, 32 and 33, on S. bdy. of tp., established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Thence

N.  $0^{\circ}03'$  W., bet. secs. 32 and 33.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S32 on W., and  
S33 on E. face.

Deposit a quart of glas at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked

T2S S28 on NE.,  
R15W S33 on SE.,  
S32 on SW., and  
S29 on NW. face; with 1 notch on S.  
and 4 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Brine encountered 2 ft. below surface.

Land, level alkali flat.

Soil, wet sandy clay, saturated with brine.

No vegetation.

East, on random line bet. secs. 28 and 33.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect the cor. of secs. 27, 28, 33 and 34.

Thence

West, on true line bet. secs. 28 and 33.

Over level land, void of vegetation.

Subdivision of T. 2 S., R. 15 W.

| Chains |   |
|--------|---|
| 17.00  | Cross N. end of low sand ridge, extending southeasterly   |
| 40.02  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in<br>the ground, for $\frac{1}{4}$ sec. cor., marked<br>$\frac{1}{4}$ S28 on N., and<br>S33 on S. face.   |
| 80.04  | The cor. of secs. 28, 29, 32 and 33.<br>Land, level alkali flat.<br>Soil, wet sandy clay, saturated with mineral.<br>No vegetation.   |
|        | N. 6°03' W., bet. secs. 28 and 29.<br>Over level land, void of vegetation.  |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in<br>the ground, for $\frac{1}{4}$ sec. cor., marked<br>$\frac{1}{4}$ S29 on W., and<br>S28 on E. face.<br>Deposit a quart of glass at base of post.<br>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,<br>and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high.<br>W. of cor.   |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the<br>ground, for cor. of secs. 20, 21, 28 and 29, marked<br>T2S S21 on NE.,<br>R15W S28 on SE.,<br>S29 on SW., and<br>S20 on NW., face; with 2 notches on S.<br>and 4 notches on E. edge.<br>Deposit a quart of glass at base of post.<br>Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.:<br>and raise a mound of earth, 4 ft. base, 2 ft. high,<br>W. of cor.<br>Land, level alkali flat.<br>Soil, wet sandy clay.<br>No vegetation. |
|        | East, on random line bet. secs. 21 and 28.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.02  | Intersect the cor. of secs. 21, 22, 27 and 28.  |

Subdivision of T. 2 S., R. 15 W.

Chains

Thence

West, on true line bet. secs. 21 and 28.

Over level land, void of vegetation.

40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S21 on N., and  
S28 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Brine encountered 2 ft. beneath surface.

80.02 The cor. of secs. 20, 21, 28 and 29.

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

---

N. 0°03' W., bet. secs. 20 and 21.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S20 on W., and  
S21 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked

T2S S16 on NE.,  
R15W S21 on SE., /  
S20 on SW., and  
S17 on NW., face: with 3 notches on S.  
and 4 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.

Subdivision of T. 2 S., R. 15 W.

Chains

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

East, on random line bet. secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.01 Intersect the cor. of secs. 15, 16, 21 and 22.

Thence

West, on true line bet. secs. 16 and 21.

Over level land, void of vegetation.

40.00a Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S16 on N., and /  
S21 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Brine encountered at 3 ft. beneath surface.

80.01 The cor. of secs. 16, 17, 20 and 21.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

N. 0°02' W., bet. secs. 16 and 17.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square. 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S17 on W., and /  
S16 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked

## Subdivision of T. 2 S., R. 15 W.

Chains

T2S S9 on NE.,  
 R15W S16 on SE.,  
 S17 on SW., and  
 S8 on NW. face; with 4 notches on S.  
 and E. edges.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor.

Land, level alkali flat.

Soil, wet sandy clay, and sticky clay.

No vegetation.

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East, on random line bet. secs. 9 and 16.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect the cor. of secs. 9, 10, 15 and 16.

Thence

West, on true line bet. secs. 9 and 16.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S9 on N., and  
 S16 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:  
 and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.

80.00 The cor. of secs. 8, 9, 16 and 17.

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

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N. 0°03' W., bet. secs. 8 and 9.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S8 on W., and  
 S9 on E. face



Subdivision of T. 2 S., R. 15 W.

Chains

Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 4, 5, 8 and 9, marked  
T2S S4 on NE.,  
R15W S9 on SE.,  
S8 on SW., and  
S5 on NW. face: with 5 notches on S.  
and 4 notches on E. edge.

Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat.  
Soil, wet to damp sandy clay, and heavy clay.  
No vegetation.

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East, on random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the cor. of secs. 3, 4, 9 and 10.  
Thence  
West, on true line bet. secs. 4 and 9.  
Over level land, through few scattered brush.

22.00 Leave all vegetation, bears N. and S.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for ¼ sec. cor., marked  
¼ S4 on N., and  
S9 on S. face.

Deposit a quart of glass at base of post.  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.

80.00 The cor. of secs. 4, 5, 8 and 9.  
Land, level alkali flat.  
Soil, damp clay, and sandy clay.  
Undergrowth, few salt brush on E. portion of

60

Subdivision of T. 2 S., R. 15 W.

Chains

North, on true line bet. secs. 4 and 5, for visible signal at the cor. of secs. 4, 5, 32 and 33, on N. bdy. of tp.

Over level land, through few widely scattered salt brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S5 on W., and  
S4 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

79.87 Intersect N. bdy. of tp., at the original cor. of secs. 4, 5, 32 and 33, established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Land, level alkali flat.

Soil, damp, firm clay.

Undergrowth, scattered salt brush.

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From the original cor. of secs. 5, 6, 31 and 32, on S. bdy. of tp., established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Thence

N. 0°04' W., bet. secs. 31 and 32.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S31 on W., and  
S32 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Subdivision of T. 2 S., E. 18 W.

Chains

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked
- T2S S29 on NE.,  
R15W S32 on SE.,  
S31 on SW., and  
S30 on NW. face; with 1 notch on S.  
and 5 notches on E. edge.
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., in each sec., 5<sub>2</sub> ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.
- Land, level alkali flat.
- Soil, damp, sticky sandy clay, and clay.
- No vegetation.
- 
- East, on random line bet. secs. 29 and 32.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.05 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 28, 29, 32 and 33.
- Thence
- S. 89°59' W., on true line bet. secs. 29 and 32.
- Over level land, void of vegetation.
- 40.02 $\frac{1}{2}$  Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S29 on N., and  
S32 on S. face.
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.
- 80.05 The cor. of secs. 29, 30, 31 and 32.
- Land, level alkali flat.
- Soil, damp to wet sandy clay, and clay.
- No vegetation.

30708  
Subdivision of T. 2 S., R. 15 W.

West, on true line bet. secs. 30 and 31, for signal at the cor. of secs. 30 and 31, on W. bdy. of tp.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S30 on N., and  
S21 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 2 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

87.24 Intersect the W. bdy. of tp., at the original cor. of secs. 30 and 31, established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Land, level alkali flat.

Soil, wet clay and sandy clay.

No vegetation.

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From the cor. of secs. 29, 30, 31 and 32.

N. of <sup>6</sup>4' W., bet. secs. 29 and 30.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S30 on W., and  
S29 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Encounter heavy saline brine at 3 ft. beneath surface.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked

Subdivision of T. 2 S., R. 15 W.

Chains

T2S S20 on NE.,  
R15W S29 on SE.,  
S30 on SW., and  
S19 on NW. face: with 2 notches on S.  
and 5 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat.

Soil, wet sticky clay, and sandy clay.

No vegetation.

N. 89°59' E., on random line bet. secs. 20 and 29.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

40.05 Intersect the cor. of secs. 20, 21, 28 and 29.

Thence

S. 89°59' W., on true line bet. secs. 20 and 29.

Over level land, void of vegetation.

40.02 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S20 on N., and  
S29 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

40.05 The cor. of secs. 19, 20, 29 and 30.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

S. 89°59' W., on true line bet. secs. 19 and 30, for  
signal at the cor. of secs. 19 and 30, on W. bdy.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked.

## Subdivision of T. 2 S., R. 15 W.

## Chains

$\frac{1}{4}$  S19 on N., and  
S30 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

87.11 Intersect W. bdy. of tp., at the original cor. of secs.  
19 and 30, established by me under Group No. 164, in  
1925, a fir post, 4 ins. square, properly set, marked  
and witnessed as described in official records.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

From the cor. of secs. 19, 20, 29 and 30.

N.  $0^{\circ}04'$  W., bet. secs. 19 and 20.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S19 on W., and  
S20 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Brine encountered at 3 ft. beneath surface.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for cor. of secs. 17, 18, 19 and 20,  
marked

T2S S17 on NE.,  
R15W S20 on SE.,  
S19 on SW., and  
S18 on NW. face; with 3 notches on S.  
and 5 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level alkali flat.

Subdivision of T. 2 S., R. 15 W.

| Chains              | ended   |
|---------------------|---|
|                     | Soil, wet sandy clay. Brine encountered at 3 ft. beneath surface of ground.   |
|                     | No vegetation.  |
|                     | N. 89°59' E., on random line bet. secs. 17 and 20.  |
| 40.00               | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.05               | Intersect N. and S. line, 2 lks. S. of the cor. of secs. 16, 17, 20 and 21.   |
|                     | Thence  |
|                     | S. 89°58' W., on true line bet. secs. 17 and 20.  |
|                     | Over level land, void of vegetation.  |
| 40.02 $\frac{1}{2}$ | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked   |
|                     | $\frac{1}{4}$ S17 on N., and<br>S20 on S. face.   |
|                     | Deposit a quart of glass at base of post.   |
|                     | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Brine encountered at 3 ft. beneath surface. |
| 80.05               | The cor. of secs. 17, 18, 19 and 20.  |
|                     | Land, level alkali flat.  |
|                     | Soil, wet sandy clay, saturated with mineral.   |
|                     | No vegetation.  |
|                     | S. 89°59' W., on true line bet. secs. 18 and 19, for signal at the cor. of secs. 18 and 19, on W. bdy.  |
|                     | Over level land, void of vegetation.  |
| 40.00               | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked   |
|                     | $\frac{1}{4}$ S18 on N., and<br>S19 on S. face.   |
|                     | Deposit a quart of glass at base of post.   |
|                     | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.  |

## Subdivision of T. 2 S., R. 15 W.

## Chains

86.97 Intersect W. bdy. of tp., at the original cor. of secs. 18 and 19, established by me in 1925 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

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From the cor. of secs. 17, 18, 19 and 20.

N. 0°04' W., bet. secs. 17 and 18.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S18 on W., and  
S17 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 ft. base, 1 ft. high, W. of cor.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked

T2S S8 on NE.,  
R15W S17 on SE.,  
S18 on SW., and  
S 7 on NW. face: with 4 notches on S. and 5 notches on E. edge.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.: and raise a mound of earth, 4 ft. base, 1 ft. high, W. of cor.

Land, level alkali flat.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

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N. 89°58' E., on random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.05 Intersect N. and S. line, 2 lks. N. of the cor. of secs.



Chains

P. 9, 16 and 17.

Thence

S. 89°59' W., on true line bet. secs. 8 and 17.

Over level land, void of vegetation.

40.02 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S8 on N., and  
S17 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 ft. base, 1 ft. high.

N. of cor.

80.05 The cor. of secs. 7, 8, 17 and 18.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

S. 89°59' W., on true line bet. secs. 7 and 18, for

signal at the cor. of secs. 7 and 18 on W. bdy.

Over level land, void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S7 on N., and  
S18 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 ft. base, 1 ft. high.

N. of cor.

86.86 Intersect W. bdy. of tp., at the original cor. of secs.

7 and 18, established by me in 1925 under Group No.

164, a fir post, 4 ins. square, properly set, marked

and witnessed as described in official records.

Land, level alkali flat.

Soil, wet sandy clay.

No vegetation.

41

Subdivision of T. 2 S., R. 15 W.

Chains

From the cor. of secs. 7, 8, 17 and 18.

N.  $0^{\circ}04'$  W., bet. secs. 7 and 8.

Over level land, void of vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S7 on W., and  
S8 on E. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked

T2S S5 on NE.,  
R15W S8 on SE.,  
S7 on SW., and  
S6 on NW. face: with 5 notches on S. and E. edges.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level alkali flat.

Soil, wet sandy clay, with thin salt crust on surface.  
No vegetation.

---

N.  $89^{\circ}59'$  E., on random line bet. secs. 5 and 8.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.05

Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence

S.  $89^{\circ}58'$  W., on true line bet. secs. 5 and 8.

Over level land, through few scattered salt brush.

40.02 $\frac{1}{2}$

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S5 on N., and  
S8 on S. face.

Deposit a quart of glass at base of post.

Subdivision of T. 2 S., R. 15 E.

Chains

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

48.00

Leave all vegetation, bears N. and S.

80.05

The cor. of secs. 5, 6, 7 and 8.

Land, level alkali flat.

Soil, wet sandy clay, with slight crust on surface.

Undergrowth, scattered salt brush, on E. portion of  
mile.

S.  $89^{\circ}59'$  W., on true line bet. secs. 6 and 7, for  
signal at the cor. of secs. 6 and 7, on W. bdy. of tp.  
Over level land, void of vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground, for  $\frac{1}{4}$  c. cor., marked

$\frac{1}{4}$  S6 on N., and  
S7 on S. face.

Deposit a quart of glass at base of post.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

86.75

Intersect W. bdy. of tp., at the original cor. of secs.  
6 and 7, established by me in 1925 under Group No.  
164, a fir post, 4 ins. square, properly set, marked  
and witnessed as described in official records.

Land, level alkali flat.

Soil, wet sandy clay, and sticky clay, with slight salt  
crust on surface.

No vegetation.

From the cor. of secs. 5, 6, 7 and 8.

North, on true line bet. secs. 5 and 6, for signal at  
the cor. of secs. 5, 6, 31 and 32, on N. bdy. of tp.

Over level land, void of vegetation

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

- the ground, for  $\frac{1}{2}$  sect. 36, marked
- at each corner  $\frac{1}{2}$  S. on W., and  
S. on E. ~~sect.~~
- Deposit a quart of glass at base of post.
- Dig pits, 18x18x12 ins., N. and S. of post, 2 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 56.00 Enter few scattered salt brush, bears 2. and 3.
- 79.95 Intersect N. bay. of tp., at the original cor. of secs. 5, 6, 31 and 32, established by me in 1915 under Group No. 164, a fir post, 4 ins. square, properly set, marked and witnessed as described in official records.
- Land, level alkali flat.
- Soil, wet sandy clay, and sticky clay, saturated with saline mineral.
- Undergrowth, few scattered salt brush on N. portion of mile.

#### GENERAL DESCRIPTION:

This township lies on the Great Salt Lake Desert or Basin, and is one vast level alkali flat, with scattered low sand ridges and dunes in the southeast corner of the township, and few low sandy ridges or rises, from 5 to 20 ft. high, in the northeast portion.

The greater portions of this township is barren and destitute of vegetation. In the southeast and northeast corners there is a scattering growth of short salt brush, and few greasewoods.

The soil is principally a damp to wet sandy clay, and sticky, white clay, saturated with mineral on the alkali flat, with loose, dry, white sand and sandy clay on the ridges and dunes. All can be classed as

General Description, T. 2 S., R. 15 W.

4th rate. A heavy saline brine underlays the greater portion of this township, and in numerous places is found within two to three feet of the surface. The wettest portion of the township is in the central part extending in an easterly and westerly direction.

There are no improvements in the township. No indication of coal, oil, or mineral other than of a saline character were found in the township.

No magnetic declination taken on account of defective needle.

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For table of latitudes and departures see book "H" Group 164, Utah.

BOOK A-489

4-680  
(August, 1926)

## FIELD ASSISTANTS.

[illegible]

~~U. S. CADASTRAL ENGINEER.~~  
**CERTIFICATE OF UNITED STATES SURVEYOR**

I, Andrew Nelson / U.S. Cadastral Engineer, ~~U.S. Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 13th day of October, 1927 I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisional lines of Township No. 2 South, Range No. 15 West of the Salt Lake Base and

Meridian, in the State of Utah, which are represented on dates as shown on date dis the foregoing field notes as having been executed by me, and under my direction, and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah  
Jan. 4, 1929.

Andrew Nelson  
U.S. Cadastral Engineer.

**APPROVAL.**

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLORADO MAR 12

The foregoing field notes of the survey of the subdivisional lines of Twonship No. 2 South, Range No. 15 West, S.L. B. & Mer.,

executed by Andrew Nelson, U.S. Cadastral Engineer, under his special instructions dated October 13, 1927, having critically examined, and the necessary corrections and explanations made, the said field notes, and the things they describe, are hereby approved.

Frank H. Johnson  
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office

U. S. Supervisor of Surveys

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**Page**

**RECEIVED**  
JAN 10 1929  
Department Of The Interior  
Public Survey Office  
Salt Lake City, Utah

OF THE SURVEY OF THE

SUBDIVISION OF FRACTIONAL T. 1 $\frac{1}{2}$  S., R. 15 W.

he State of Utah

Andrew Nelson, U. S. Cadastral Engineer

Survey completed August 20, 1928, ~~1927~~

BOOK A-489

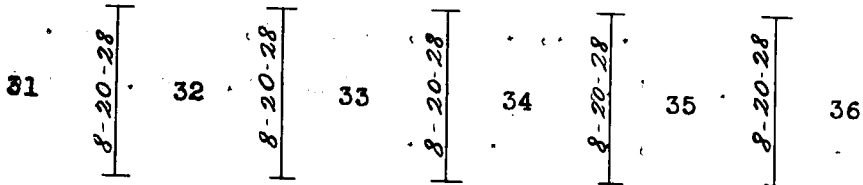
## INDEX DIAGRAM.

Township  $1\frac{1}{2}$  South, Range 15 West.

|    |    |    |    |    |    |    |   |    |   |    |
|----|----|----|----|----|----|----|---|----|---|----|
| 6  | 5  | 4  | 3  | 2  | 1  |    |   |    |   |    |
| 7  | 8  | 9  | 10 | 11 | 12 |    |   |    |   |    |
| 18 | 17 | 16 | 15 | 14 | 13 |    |   |    |   |    |
| 19 | 20 | 21 | 22 | 23 | 24 |    |   |    |   |    |
| 30 | 29 | 28 | 27 | 26 | 25 |    |   |    |   |    |
| 31 | 5  | 32 | 4  | 33 | 4  | 34 | 3 | 35 | 2 | 36 |

T.1 $\frac{1}{2}$  S., R.15 W.

To call at no. Date diagram, T. 1 $\frac{1}{2}$  S., R.15 W.



All lines surveyed by Andrew Nelson, U.S. Cadastral Engineer.

Survey commenced August 20, 1928 and executed with Buff and Buff transit No. 9978, equipt with Smith solar attachment and full vertical circle.

Fractional T.1 $\frac{1}{2}$  S., R.15 W. is surveyed in conjunction with T.2 S., R.15 W., this group. For complete description, approval and test of instrument see field notes of the survey of T.2 S., R.15 W., book "B" this group.

All measurements are made with a Lallie steel ribbon tape 8 chs. in length, compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Owing to the alkaline and mineral character of the soil the regulation iron post corner oxidizes rapidly, and in view of this exceptional circumstance dressed fir posts, 4 ft. long, 4 ins. square, with gabled or

Chains

wedged shaped tops, saturated in linseed oil, and with an inch hole bored through post about 6 inches from the base through which an 8 inch plug is inserted to serve as an anchor, are substituted in lieu of the iron posts.

From the cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the Tp., described in the field notes of the survey of T. 2 S., R. 15 W., book "B", this group.

N. 0° 01' W., on a random line bet. secs. 35 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

55.54 Intersect N. bdy. of the Tp. at the cor. of secs. 35 and 36, Tps. 1 and 1 $\frac{1}{2}$  S., R. 15 W., which is a fir post, 4 ins. square, extending 6 ins. above ground, firmly set, marked:

T1SS36 on NE.,  
S36 on SE.,  
T1 $\frac{1}{2}$ SS35 on SW., and  
R15WS35 on NW. face, with 1 notch

on E. and 5 notches on W. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post 5 $\frac{1}{2}$  ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

S. 0° 01' E., on true line bet. secs. 35 and 36.

Over level alkali desert through scattered short brush.

15.54 Set a fir post, 4 ft. long, 4 ins square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S36 on E., and  
 $\frac{1}{4}$ S35 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

Cor. stands at N. base of low sand rise, bears N. 70° W. and S. 70° E.; thence over low sand rises.

20.00 Top of rise, bears N. 70° W. and S. 70° E.

47.50 Leave sand rises and enter alkali flat, bears E. and W.

55.54 The cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the

## Subdivision of T.1S., R.15 W.

## Chains

Land, level alkali desert and low sand rises.

Soil, heavy sandy clay.

No timber.

Undergrowth, scattered short salt brush.

From the cor. of secs. 2, 3, 34, and 35 on the S. bdy. of the Tp. described in the field notes of the survey of T.2 S., R.15 W., book "B", this group.

N.0°02'W., on a random line bet. secs. 34 and 35.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

55.56 Intersect N. bdy. of the Tp.  $1\frac{1}{2}$  lks. W. of the cor. of secs. 34 and 35, Tps. 1 and  $1\frac{1}{2}$  S., R.15 W., which is a fir post, 4 ins. square, extending 6 ins. above ground, firmly set, and marked:

T1SS35 on NE.,  
S35 on SE.,  
T1 $\frac{1}{2}$ SS34 on SW., and  
R15WS34 on NW. face, with 2 notches on

E., and 4 notches on W. edge, and witnessed by 4 pits 18x18x12 ins., NE., SE., SW., and NW. of post  $5\frac{1}{2}$  ft. distant, and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

S.0°01'E., on true line bet. secs. 34 and 35.

Over level alkali desert through scattered short brush.

15.56 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S35 on E., and  
 $\frac{1}{4}$ S34 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

55.56 The cor. of secs. 2, 3, 34, and 35 on the S. bdy. of the Tp.  
Land, level alkali desert.

Soil, sandy clay.

No timber.

Undergrowth, scattered short salt brush.

## Subdivision of T.1 S., R.15 W.

## Chains

From the cor. of secs. 3, 4, 33, and 34 on the S. bdy. of the Tp. described in the field notes of the survey of T.2 S., R.15 W., book "B", this group:  
N.0°01'W., on a random line bet. secs. 33 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

53.56 Intersect N. bdy. of the Tp.,  $1\frac{1}{2}$  lks. W. of the cor. of secs. 33 and 34, Tps. 1 and  $1\frac{1}{2}$  S., R.15 W., which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, and marked:

TLSS34 on NE.,

S34 on SE.,

TL $\frac{1}{4}$ S33 on SW., and

R15WS33 on NW. face, with 3 notches on

E., and 3 notches on W. edge, and witnessed by 4 pits

18x18x12 ins., NE., SE., SW., and NW. of post  $5\frac{1}{2}$  ft.

distant, and mound of earth, 4 ft. base, 2 ft. high,

W. of cor.

Thence

South, on true line bet. secs. 33 and 34.

Over level alkali desert through scattered short brush.

15.56 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S34 on E., and

$\frac{1}{4}$ S33 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor.; also, deposit glass around post.

55.56 The cor. of secs. 3, 4, 33, and 34 on the S. bdy. of the Tp. Land, level alkali desert.

Soil, wet, heavy clay.

No timber.

Undergrowth, scattered short salt brush.

From the cor. of secs. 4, 5, 32, and 33 on the S. bdy. of the Tp. described in the field notes of the survey of T.2 S., R.15 W., book "B", this group:

N.0°01'W., on a random line bet. secs. 32 and 33.

Subdivision of T.1 $\frac{1}{2}$  S., R.15 W.

Chains

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

55.56

Intersect N. bdy. of the Tp. at the cor. of secs. 32 and 33, Tps. 1 and 1 $\frac{1}{2}$  S., R.15 W., which is a fir post, 4 ins. square, extending 6 ins. above ground, firmly set, and marked:

T1SS33 on NE.,  
S33 on SE.,  
T1 $\frac{1}{2}$ SS32 on SW., and  
R15WS32 on NW. face, with 4 notches

on E., and 2 notches on W. edge, witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post 5 $\frac{1}{2}$  ft. distant, and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

S.0°01'E., on true line bet. secs. 32 and 33.

15.56

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S33 on E., and  
 $\frac{1}{4}$ S32 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; deposit a black shale stone, 18x10x2 ins., also, glass around base of post.

55.56

The cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. Land, level alkali desert.

Soil, hard, sandy clay.

No timber.

Undergrowth, scattered short salt brush.

From the cor. of secs. 5, 6, 31, and 32 on the S. bdy. of the Tp., described in the field notes of the survey of T.2 S., R.15 W., book "B", this group.

N.0°02'W., on a random line bet. secs. 31 and 32.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

55.56

Intersect N. bdy. of the Tp. at the cor. of secs. 31 and 32, Tps. 1 and 1 $\frac{1}{2}$  S., R.15 W., which is a fir post, 4 ins. square, extending 6 ins. above ground, firmly set, and marked



## Subdivision of T.14 S., R.15 W.

## Chains

T1SS32 on NE., S32 on SE.,  
T14.8831 on SW., and  
R15WS31 on NW. face, with 5 notches on

E., and 1 notch on W. edge, and witnessed by 4 pits,  
18x18x12 ins., NE., SE., SW., and NW. of post 5½ ft.  
distant, and mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Thence

S.0°02'E., on true line bet. secs. 31 and 32.

Over level alkali desert through scattered short brush.

15.56 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for ¼ sec. cor., marked:

S32 on E., and  
¼S31 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.; also, deposit glass around post.

55.56 The cor. of secs. 5, 6, 31, and 32 on the S. bdy. of the Tp

Land, level alkali desert.

Soil, heavy clay.

No timber.

Undergrowth, scattered short salt brush.

### General Description.

With the exception of a few low sand rises in secs. 35  
and 36, this township is level alkali desert.

The soil is a heavy alkali clay and supports a scattered  
growth of salt brush, 6 ins. to 1 ft. high.

There are no settlers living in the township or other  
improvements.

For table of latitudes and departures, see book

Group 164, Utah

4-680  
(August, 1928)

**NAMES.**

CAPACITY.

Kenneth Ryser

1st. chairman

Clawson Silver

2nd. chairman

Lawrence W. Danforth

Cornerman

Chas. Ball

Cornerman

~~Cadastral Engineer~~

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~

I, Andrew Nelson, U. S. ~~Surveyor~~ **Cadastral Engineer**, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah, bearing date of the 13th day of October, 1927, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivision of fractional T.1½ S., R.15 W.

\_\_\_\_\_ of the Salt Lake Base and \_\_\_\_\_ Meridian, in the State of Utah, which are represented by the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. **Certified to at:**

Salt Lake City, Utah  
January 10, 1929

Andrew Nelson  
U.S. Cadastral Engineer

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,  
Denver, Colorado,  
MAR 12 1929

The foregoing field notes of the survey of the subdivision of fractional Township No. 1½ South, Range No. 15 West of the Salt Lake Base and Meridian, Utah,

executed by Andrew Nelson, U. S. Cadastral Engineer under his special instructions dated October 13, 19 27, having critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Wm. H. Johnson  
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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BOOK A-489

## FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION OF T.3 S., R.15 W.

RECEIVED

JAN 7 1928  
Department of the Interior  
Public Lands Office  
Salt Lake City, Utah

Of the Salt Lake Base and Meridian,

the State of Utah

EXECUTED BY

Andrew Nelson, U. S. Cadastral Engineer

~~As a part of the Survey~~, under instructions dated October 13, 1927, ~~1927~~

ed by the United States Surveyor General to govern surveys included in

No. 206, which were approved by the Commissioner of the General Land

October 29, 1927, ~~1927~~; Assignment Instructions dated  
May 18, 1928.Survey commenced August 21, 1928, ~~1927~~Survey completed August 27, 1928, ~~1927~~

FILE 2 439

# INDEX DIAGRAM.

Township 3 South Range 15 West

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 6  | 45 | 5  | 34 | 4  | 27 | 3  | 19 | 2  | 11 | 1  |
| 45 |    | 44 |    | 34 |    | 26 |    | 19 |    | 11 |
| 7  | 43 | 8  | 33 | 9  | 25 | 10 | 18 | 11 | 10 | 12 |
| 43 |    | 42 |    | 32 |    | 25 |    | 17 |    | 9  |
| 18 | 41 | 17 | 32 | 16 | 24 | 15 | 16 | 14 | 8  | 18 |
| 41 |    | 40 |    | 31 |    | 24 |    | 16 |    | 7  |
| 19 | 39 | 20 | 30 | 21 | 23 | 22 | 15 | 23 | 7  | 24 |
| 38 |    | 38 |    | 30 |    | 22 |    | 15 |    | 6  |
| 30 | 37 | 29 | 29 | 28 | 22 | 27 | 14 | 26 | 5  | 25 |
| 36 |    | 36 |    | 29 |    | 21 |    | 13 |    | 4  |
| 31 | 35 | 32 | 28 | 33 | 20 | 34 | 12 | 35 | 3  | 36 |

T. 3 S., R. 15 W.

Date Diagram, T. 3 S., R. 15 W.

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| 6       | 5       | 4       | 3       | 2       | 1       |
| 8-27-28 | 8-27-28 | 8-27-28 | 8-27-28 | 8-27-28 | 8-27-28 |
| 7       | 8       | 9       | 10      | 11      | 12      |
| 8-25-28 | 8-25-28 | 8-24-28 | 8-23-28 | 8-22-28 | 8-21-28 |
| 16      | 17      | 18      | 15      | 14      | 13      |
| 8-25-28 | 8-25-28 | 8-24-28 | 8-23-28 | 8-22-28 | 8-21-28 |
| 19      | 20      | 21      | 22      | 23      | 24      |
| 8-25-28 | 8-25-28 | 8-24-28 | 8-23-28 | 8-22-28 | 8-21-28 |
| 28      | 29      | 28      | 27      | 26      | 25      |
| 8-25-28 | 8-25-28 | 8-24-28 | 8-23-28 | 8-22-28 | 8-21-28 |
| 31      | 32      | 33      | 34      | 35      | 36      |
| 8-25-28 | 8-24-28 | 8-23-28 | 8-22-28 | 8-21-28 |         |

All lines surveyed by Andrew Nelson, U.S. Cadastral Engineer



T.3 S. R.15 W.

## Chains

Survey commenced August 21, 1928, and executed with Buff and Buff transit No. 9978 with U-shaped standard and equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arc and vertical circle.

The instrument was approved for use in this survey by the District Cadastral Engineer for Utah in assignment instructions dated July 18, 1928, conditional upon satisfactory field tests.

I examine the adjustments of the transit and correct all errors.

With a few exceptions, the lines in this township extend over level, open country - practically void of any vegetation, the entire township being situated on the Great Salt Lake Desert or Basin; therefore, the solar apparatus is not used and all lines are projected by double fore and back sights and azimuth determinations are accomplished by deflection angles from the south, east and west boundaries of the township which were established by me under Group 164, Utah, in 1925. These boundaries were projected from true meridians determined by observations on Polaris as described in book "H" of exteriors, Group 164, Utah.

The instrument was kept in good adjustment during the progress of the survey and numerous meridians were established by observations on Polaris and other observations from which the bearing of the lines were checked. A record of these observations does not appear in these notes.

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 8 chains in length compared with a Lufkin standard steel tape and

## Subdivision of T.3 S., R.15 W.

## Chains

found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

The land in this township is practically void of any vegetation by reason of the alkaline and mineral character of the soil. A heavy brine or salt water also lies close to the surface of the ground and in some seasons the surface is inundated. The action of the salt brine and mineral causes the regulation iron post corner monument to oxidize rapidly, and in view of this exceptional circumstance and the absence of any durable native stone renders it necessary to substitute in lieu of the iron post corners, dressed fir posts, 4 ft. long and 4 inches square, with gabled or wedged shaped tops, saturated in linseed oil and with an inch hole bored through the post about 6 inches from the base through which an 8 inch plug is inserted to serve as an anchor. A glass memorial is also deposited around each and every corner in the township, about 4 inches under the surface of the ground.

## SUBDIVISION OF T.3 S., R.15 W.

I begin at the cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the Tp., in approximate latitude  $40^{\circ}30'N.$ , longitude  $113^{\circ}30'W.$ , which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, and marked

T3SS36 on NE.,  
S1 on SE.,  
T4SS2 on SW., and  
R15WS35 on NW. face; with 1 notch on E.

and 5 notches on W. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post,  $5\frac{1}{2}$  ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

From cor.,

## Subdivision of T.3 S. R.15 W.

| Chains |   |
|--------|---|
|        | N.0°01'W., bet. secs. 35 and 36.  |
|        | Over nearly level land with low sand rises, through scattered salt brush.   |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked  |
|        | S36 on E. and $\frac{1}{4}$ S35 on W. face.   |
|        | Dig pits, 18x18x12 ins., N. and S. of post 3 ft. distant; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also deposit glass around base of post.  |
|        | Cor. stands on level flat about 2 chs. W. of a long, low sand rise bearing N. and S.  |
| 79.50  | Begin ascent over low rise, bears NE. and SW.   |
| 80.00  | On gentle SE. exposure.   |
|        | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 25, 26, 35, and 36, marked   |
|        | T3SS25 on NE.,<br>R15WS36 on SE.,<br>S35 on SW., and<br>S26 on NW. face; with 1 notch on E. and 1 notch on S. edge; dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|        | Land, nearly level flat.  |
|        | Soil, damp sandy clay.  |
|        | No timber.  |
|        | Undergrowth, scattered short salt sage.   |
|        | East, on a random line bet. secs. 25 and 36.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.02  | Intersect E. bdy. of the Tp. at the cor. of secs. 25, 30, 31 and 36; which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, marked  |
|        | T3SS30 on NE.;<br>R14WS31 on SE.,<br>S36 on SW., and<br>R15WS25 on NW. face, with 5 notches on N. and 1 notch on S. edge, and witnessed by 4 pits   |

Subdivision of T. 3 S., R. 15 W.

Monies

18x18x12 ins., NE., SE., SW., and NW. of cor.  $5\frac{1}{2}$  ft. distant, and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

West, on true line bet. secs. 25 and 36.

Over nearly level land through scattered short undergrowth.

40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on N., and  
S36 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around base of post.

73.00 East base of low sand rise, bears NE. and SW.; ascend.

76.00 Top of rise, 30 ft. high, bears NE. and SW.; descend.

77.20 W. base of rise, bears NW. and SE.; thence over flat.

79.50 Begin gradual ascent SE. exposure.

80.02 The cor. of secs. 25, 26, 35, and 36.

Land, nearly level desert.

Soil, damp sand and sandy clay.

No timber.

Undergrowth, short salt brush.

N.  $0^{\circ}01'W.$ , bet. secs. 25 and 26.

Gradually ascend over low sand rise through scattered undergrowth.

8.60 Top of rise, 25 ft. above sec. cor., bears NW. and SE.; gradually descend.

28.80 Leave sand rise, bears N.  $40^{\circ}W.$  and S.  $40^{\circ}E.$ ; thence over level land.

40.00 Set a fir post, 4 ft. long, 4 ins square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S25 on E., and  
 $\frac{1}{4}$  S26 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around base of post.

## Subdivision of T. 8 S., R. 18 W.

Chains

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 23, 24, 25, and 26, marked

T3SS24 on NE.,

R15WS25 on SE.,

S26 on SW., and

S23 on NW. face, with 1 notch on E.

and 2 notches on S. edge; dig pits, 18x18x12 ins.

in each sec. 5½ ft. distant; raise a mound of earth

4 ft. base, 2 ft. high, W. of cor.; also, deposit glass

around base of post.

Land, level alkali flat and low sand rises.

Soil, sandy and wet clay.

No timber.

Undergrowth, scattered salt grass.

East, on a random line bet. secs. 24 and 25.

40.00

Set temp. ¼ sec. cor.

80.02

Intersect E. bdy. of the Tp. at the cor. of secs. 19, 24,

25 and 30, which is a fir post, 4 ins. square, extend-

ing 7 ins. above ground, firmly set, marked

T3SS19 on NE.,

R14WS30 on SE.,

S25 on SW., and

R15WS24 on NW. face, with 4 notches

on N. and 2 notches on S. edge, and witnessed by 4

pits, 18x18x12 ins., NE., SE., SW., and NW. of cor.

5½ ft. distant and mound of earth, 4 ft. base, 2 ft.

high, W. of cor.

Thence

West, on true line bet. secs. 24 and 25.

Over level alkali flat through scattered undergrowth.

40.01

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

the ground for ¼ sec. cor., marked

S24 on N., and

S25 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor.; also, deposit glass around base of post.

80.02

The cor. of secs. 23, 24, 25, and 26.

Subdivision of T. 36S., R. 15W.

Chains

no section of alkali flat. no alkali

Soil, heavy sandy clay.

Undergrowth, scattered short salt grass.

No timber.

N. 0° 01' W., bet. secs. 23 and 24.

Over level alkali desert through scattered short undergrowth.

10.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S24 on E., and  
S23 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around base of post.

64.00 Leave all undergrowth, bears E. and W.

30.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 13, 14, 23, and 24, marked

T3SS13 on NE.,  
R15WS24 on SE.,  
S23 on SW., and  
S14 on NW. face, with 1 notch on

E. and 3 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post.

Land, level desert.

Soil, sand and sandy clay.

No timber.

Undergrowth, scattered salt brush on S. 64 chs.

East, on a random line bet. secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect E. bdy. of the Tp. at the cor. of secs. 13, 18, 19, and 24, which is a fir post, 4 ins. square, extending 6 ins. above ground, firmly set, and marked

T3SS18 on NE.,  
R14WS19 on SE.

# Subdivision of T-3, S-1, R-15, W-1

Chains

S24 on SW1/4 and NW1/4 level, 18x18 ins. on NW. face, with 3 notches on N. and 3 notches on S. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post, 5 1/2 ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

West, on true line bet. secs. 13 and 24.

Over level desert.

8.10 East base of low sand rise, bears S. 10° E. and NW. about 1 ch. to end.

13.00 W. base of sand rise, bears SE. and N. 1 ch. to end; continue over level desert.

40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for 1/4 sec. cor., marked

S13 on N. and S24 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high N. of cor.; also, deposit glass around base of post.

80.02 The cor. of secs. 13, 14, 23, and 24.

Land, level desert and low sand rises.

Soil, damp sand and heavy sandy clay.

No timber.

Undergrowth, scattered salt brush on sandy portions of mile.

N. 0° 01' W., bet. secs. 13 and 14.

Over level alkali desert; no vegetation.

38.00 South base of low sand rise, bears SE. and W.

40.00 On gentle S. exposure.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for 1/4 sec. cor., marked

S13 on E. and S14 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,

Chains

W. of corner also, deposit glass around base of post.

58.80 N. end of low sand rise, bears N.10°W. and SE.; thence over small sand rises and hummocks.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 11,12,13, and 14, marked

T38S12 on NE.,  
R15WS13 on SE.,  
S14 on SW., and  
S11 on NW. face, with 1 notch on E. and

4 notches on S. edge; dig pits, 18x18x12 ins., in each sec. 5 ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post.

Land, nearly level desert, low sand rises and hummocks.

Soil, damp sand and sandy clay.

No timber.

Undergrowth, very scattered salt brush.

East, on a random line bet. secs. 12 and 13.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect E. bdy. of the Tp. 2 lks. S. of the cor. of secs. 7,12,13, and 18, which is a fir post, 4 ins. square, extending 1 ft. above ground, firmly set, and marked

T38S7 on NE.,  
R14WS18 on SE.,  
S13 on SW., and  
R15WS12 on NW. face, with 2 notches

on N. and 4 notches on S. edge; glass deposit around cor. No other accessories as cor. falls in shifting sand dune.

Thence

S.89°59'W., on true line bet. secs. 12 and 13.

Over loose, barren, shifting white sand dunes. North about 20 chs. distant and extending W. for about a half mile is the summit of a very prominent white sand dune about 100 ft. high bearing E. and W.

40.02 Set a fir post, 4 ft. long, 4 ins. square, 30 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked



Subdivision of T. 3 S. R. 25 E.

| Chains |  |  |
|--------|--|--|
|        | 812 on E., and 813 on S. face.   |  |
|        | Deposit glass around base of post.   |  |
|        | Fits impracticable as cor. falls in sand dune.   |  |
| 56.00  | Leave loose shifting sand dunes, bears NW. and SE.; thence over nearly level land across low sand rises and hummocks.  |  |
| 80.04  | The cor. of secs. 11, 12, 13, and 14.  |  |
|        | Land, rolling sand dunes and nearly level desert.  |  |
|        | Soil, deep white sand, and damp sandy clay.  |  |
|        | No timber.   |  |
|        | Undergrowth, scattered short salt brush on western portion of mile.  |  |
|        | N. 0° 01' W., bet. secs. 11 and 12.  |  |
|        | Over nearly level desert across low sandy clay rises and hummocks. Undergrowth scattered short brush.  |  |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked   |  |
|        | 812 on E., and 811 on W. face.   |  |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around base of post.   |  |
| 61.50  | Leave sand rises and hummocks, bears N. 80° E. and S. 80° W. thence over level flat.   |  |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 1, 2, 11, and 12, marked  |  |
|        | T3SS1 on NE., R15WS12 on SE., S11 on SW., and S2 on NW. face, with 1 notch on E. and 5 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. distant, and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |  |
|        | Land, nearly level desert.   |  |
|        | Soil, damp sand and sandy clay.  |  |

## Subdivision of T.3 S., R.15 W.

Maine

No timber.

10. Undergrowth, scattered salt brush.

rec E.89°59'W., on a random line bet. secs. 1 and 12.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect E. bdy. of the Tp. 2 lks. S. of the cor. of secs.

1,6,7, and 12, which is a fir post, 4 ins. square,

extending 6 ins. above ground, firmly set, and marked

T3SS6 on NE.,

R14WS7 on SE.,

S12 on SW., and

R15WS1 on NW. face, with 1 notch on

N. and 5 notches on S. edge, and witnessed by 4 pits,

18x18x12 ins., NE., SE., SW., and NW. of post,  $5\frac{1}{2}$  ft.

distant, and mound of earth, 4 ft. base, 2 ft. high,

W. of cor.

Thence

S.89°58'W., on true line bet. secs. 1 and 12.

Over nearly level land across low sand rises and hummocks,  
through scattered short undergrowth.23.80 E. base of low sand rise, bears N. about 3 chs. to end  
and SE.32.30 W. base of rise, bears SE. and N.20°W. about 4 chs. to  
end; continue over low sand rises and small flats.40.03 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked $\frac{1}{4}$  S1 on N., and  
S12 on S. face.Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N.  
of cor.; also, deposit glass around base of post.

80.06 The cor. of secs. 1,2,11, and 12.

Land, level desert and rolling sand rises and dunes.

Soil, loose white sand, damp sand and clay.

Undergrowth, scattered short salt brush.

No timber.

N.0°01'W., on a random line bet. secs. 1 and 2.

Subdivision of T.3S.3E.150E

and

|        |  |
|--------|--|
| Chains |  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor. . . . . admit of   |
| 80.10  | Intersect N. bdy. of the Tp. 9 lks. V. of the sur. of<br>secs. 1, 2, 35, and 36, which is a fir post, 4 ins.<br>square, extending 10 ins. above ground, firmly set<br>and marked . . . . . 00.04<br>T28836 on NE., / . . . . . 00.08<br>S1 on SE.,<br>T3882 on SW., and<br>R15WS35 on NW. face, with 1 notch<br>on E. and 5 notches on W. edge, and witnessed by 4<br>pits, 18x18x12 ins., NE., SE., SW., and NW. of post 5<br>ft. distant and mound of earth 4 ft. base, 2 ft. high<br>W. of cor.<br>Thence<br>S.0°03'W., on true line bet. secs. 1 and 2.<br>Over nearly level desert through scattered short under-<br>growth.<br>36.10 Leave level desert and enter low, rolling white sand<br>dunes, bears N.60°W. and S.50°E.<br>40.10 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the<br>ground for $\frac{1}{4}$ sec. cor., marked . . . . . 00.08<br>S1 on E. and<br>S2 on W. face.<br>Deposit glass around cor.<br>Cor. stands in low sand dune and pits are impracticable.<br>75.60 Leave sand dunes and enter flat, bears NW. and S.10°E. 00.04<br>80.10 The cor. of secs. 1, 2, 11, and 12.<br>Land, level desert and low rolling white sand dunes.<br>Soil, heavy sandy clay and loose white sand.<br>No timber.<br>Undergrowth, very scattered salt brush.<br>From the cor. of secs. 2, 3, 34, and 35 on the S. bdy. of<br>the Tp. which is a fir post, 4 ins. square, extending<br>8 ins. above ground, firmly set and marked . . . . . 00.08<br>T38835 on NE., . . . . . admit of<br>S2 on SE.,<br>T4883 on SW., and<br>R15WS34 on NW. face, with 2 notches on<br>W. 10°00'W. |

Subdivision of T<sub>3</sub>S., R<sub>15</sub>W.

E. and 4 notches on W. edge and witnessed by 4 pits

18x18x12 ins., NE., SE., SW., and NW. of post, 5½ ft. distant and mound of earth, 4 ft. base, 2 ft. high, W.

N. 0°02'W., bet. secs. 34. and 35.

Over level desert through short undergrowth.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked

S35 on E., and  
S34 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.; also, deposit glass around base of post.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 26, 27, 34, and 35, marked

T3SS26 on NE.,  
R15WS35 on SE.,  
S34 on SW., and  
S27 on NW. face, with 2 notches on

E. and 1 notch on S. edge; dig pits, 18x18x12 ins., in each sec. 5½ ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post.

Land, level.

Soil, damp sand and heavy sandy clay.

No timber.

Undergrowth, salt brush.

East, on a random line bet. secs. 26 and 35.

Set temp. ¼ sec. cor.

Intersect N. and S. line 2 lks. N. of the cor. of secs. 25, 26, 35, and 36.

Thence

N. 89°59'W., on true line bet. secs. 26 and 35.

Along S. slope of low sand rise through scattered undergrowth.

Base of sand rise, bears NW. and SE.; thence over flat.

E. base of low sand rise or ridge, bears NW. and SE.;

Chains

ascend.

30.40 Top of low ridge, bears N. 20° E., and S.; gradually descend

40.00 On gentle W. slope.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S26 on N., and  $\frac{1}{4}$ S35 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant,

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around base of post.

41.80 W. base of ridge, bears N. and S. 10° E.; thence over level

land,

89.00 The cor. of secs. 26, 27, 34, and 35.

Land, level desert and low rolling sand ridge.

Soil, sandy and heavy clay.

No timber.

Undergrowth, short salt brush.

N. 0° 02' W., bet. secs. 26 and 27.

Over level alkali desert through scattered short brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S26 on E. and  $\frac{1}{4}$ S27 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant,

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W.

of cor.; also, deposit glass around base of post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 22, 23, 26, and 27, marked

T3SS23 on NE.,  
R15WS26 on SE.,  
S27 on SW., and  
S22 on NW. face, with 2 notches on

E. and 2 notches on S. edge; dig pits, 18x18x12 ins.

in each sec. 5 $\frac{1}{2}$  ft. distant and raise a mound of earth

4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post.

Land, level alkali desert.

## Subdivision of T.3 S. R.15 W.

- Chains  
 .7500 Soil, heavy clay.  
 No timber.  
 Undergrowth, scattered short salt brush.
- S.89°59'E., on a random line bet. secs. 23 and 26.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. and S. line 2 lks. S. of the cor. of secs.  
 23, 24, 25, and 26.  
 Thence  
 West, on true line bet. secs. 23 and 26.  
 Over level alkali desert through scattered short brush.
- 40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$ S23 on N. and  
 S26 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
 and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.; also, deposit glass around base of post.
- 43.70 E. base of low sand ridge, bears N.20°W., S.20°E. for  
 about 15 chs., thence E.; gradually ascend.
- 53.40 Top of ridge, bears N.30°W. and S.; gradually descend.
- 59.40 W. base of ridge, bears N.30°W. and S.; thence over  
 level land.
- 80.02 The cor. of secs. 22, 23, 26, and 27.  
 Land, level desert and low, rolling sand ridge.  
 Soil, heavy clay and sand.  
 No timber.  
 Undergrowth, scattered short salt brush.
- N.0°02'W., bet. secs. 22 and 23.  
 Over level alkali desert through scattered short brush.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$ S22 on W., and  
 S23 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
 and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

# Subdivision of T.15 S., R.15 E.

|        |   |
|--------|---|
| Chains | W. of cor.; also, deposit glass around base of post.  |
| 56.00  | Leave all undergrowth, bears NW. and SE.  |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 14, 15, 22, and 23, marked   |
|        | T3SS14 on NE.,<br>R15WS23 on SE.,<br>S22 on SW., and<br>S15 on NW. face, with 2 notches on E. and 3 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|        | Land, level.  |
|        | Soil, heavy sandy clay.   |
|        | Undergrowth, scattered short salt brush on S. 56 chs.   |
|        | No timber.  |
|        | East, on a random line bet. secs. 14 and 23.  |
| 40.00  | Set temp. ¼ sec. cor.   |
| 80.04  | Intersect cor. of secs. 13, 14, 23, and 24.   |
|        | Thence  |
|        | West, on true line bet. secs. 14 and 23.  |
|        | Over nearly level alkali flat void of vegetation.   |
| 18.00  | The N. end of sand ridge, bears S. about 3 chs. distant.  |
| 40.02  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked  |
|        | ¼S14 on N., and<br>S23 on S. face.  |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant, and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.; also, deposit glass around base of post.   |
| 80.04  | The cor. of secs. 14, 15, 22, and 23.   |
|        | Land, level.  |
|        | Soil, heavy sandy clay.   |
|        | No timber.  |
|        | No undergrowth.   |
|        | N. 0° 02' W., bet. secs. 14 and 15.   |

Subdivision of T.3 S., R.15 W.

Chains

Over level alkali flat void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S14 on E., and  
S15 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around base of post.

44.40 Leave alkali flat and enter low rolling sand hills, bears NW. and SE.

80.00 On gentle W. slope of sand rise.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 10, 11, 14, and 15, marked

T3SS11 on NE.,  
R15WS14 on SE.,  
S15 on SW., and  
S10 on NW. face, with 2 notches on E.

and 4 notches on S. edge; dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post.

Land, level alkali flat and low rolling sand hills.

Soil, heavy sandy clay and loose sand.

No timber.

No undergrowth.

East, on a random line bet. secs. 11 and 14.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect N. and S. line 2 lks. S. of the cor. of secs. 11, 12, 13, and 14.

Thence

S.  $89^{\circ}59'W.$ , on true line bet. secs. 11 and 14.

Over low rolling sand dunes through scattered short undergrowth.

1.40 Leave sand dunes and enter alkali flat, bears N. and S.

31.40 E. base of sand rise and leave flat, bears N. and S.

37.00 W. base of sand rise and reenter flat, bears N.  $15^{\circ}W.$  and S.



## Subdivision of T.3 S., R.15 W.

| Chains |  |
|--------|--|
| 40.03  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked<br>$\frac{1}{4}$ S11 on N., and<br>$\frac{1}{4}$ S14 on S. face.<br>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.; also, deposit glass around base of post.                      |
| 76.70  | Leave flat and enter sand rise, bears N. and S.  |
| 78.70  | Top of rise, bears N. and S.; descend.   |
| 80.06  | The cor. of secs. 10, 11, 14, and 15.<br>Land, level alkali flat and low sand rises.<br>Soil, heavy sandy clay and loose white sand.<br>No timber.<br>Undergrowth, very scattered short salt brush.  |
|        | N.0°02'W., bet. secs. 10 and 11.<br>Over low rolling sand hills through scattered short undergrowth.   |
| 15.80  | Leave sand hills and all vegetation, enter alkali flat, bears E. and W.  |
| 22.90  | Leave flat and reenter sand hills, bears N.30°W. and E.  |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked<br>S11 on E. and<br>$\frac{1}{4}$ S10 on W. face.<br>Deposit glass around base of post.<br>Cor. stands in loose sand, pits impracticable.   |
| 64.50  | Leave sand hills and enter alkali flat, bears N.80°E. and S.80°W.  |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 2, 3, 10, and 11, marked<br>T3SS2 on NE.,<br>R15WS11 on SE.,<br>S10 on SW., and<br>S3 on NW. face, with 2 notches on E. and 5 notches on S. edge; dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass |

Subdivision of T. 3 S., R. 15 W.

Chains

around base of post.

Land, level alkali flat and low rolling sand hills.

Soil, heavy clay and loose white sand.

No timber.

Undergrowth, very scattered short salt brush.

N. 89° 59' E., on a random line bet. secs. 2 and 11.

Set temp.  $\frac{1}{4}$  sec. cor.

Intersect cor. secs. 1, 2, 11, and 12.

Thence

S. 89° 59' W., on true line bet. secs. 2 and 11.

Over level land through scattered short undergrowth.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S2 on N., and  
S11 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around base of post.

Cor. stands at W. base of low sand rise, bears NW. and SW.

The cor. of secs. 2, 3, 10, and 11.

Land, level desert.

Soil, sandy and heavy clay.

No timber.

Undergrowth, scattered short salt brush.

N. 0° 03' E., on a random line bet. secs. 2 and 3.

Set temp.  $\frac{1}{4}$  sec. cor.

Intersect N. bdy. of the Tp. 2 lks. W. of the cor. of secs.

2, 3, 34, and 35 which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set and marked

T2SS35 on NE.,

S2 on SE.,

T3SS3 on SW., and

R15WS34 on NW. face, with 2 notches on

E. and 4 notches on W. edge, and witnessed by 4 pits,

18x18x12 ins., NE., SE., SW., and NW. 5 $\frac{1}{2}$  ft. distant

and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

# Subdivision of Township 34 N., Range 15 W.

| Chains |   |
|--------|---|
|        | Thence S. 0° 04' W., on true line bet. secs. 2 and 3, over level alkali flat.   |
| 15.20  | Leave flat and enter low sand rises and dunes, bears NW. and SE.  |
| 40.10  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked.   |
|        | S2 on E., and $\frac{1}{4}$ S3 on W. face.  |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around base of post.  |
| 59.80  | Leave sand rises and dunes, reenter flat, bears N. 10° W. and E.  |
| 80.10  | The cor. of secs. 2, 3, 10, and 11.<br>Land, alkali flats and low rolling sand rises and dunes.<br>Soil, heavy clay and loose white sand.<br>No timber.<br>Undergrowth, very scattered salt brush.  |
|        | From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, marked.   |
|        | T3SS34 on NE.,<br>S3 on SE.,<br>T4SS4 on SW., and<br>R15WS33 on NW. face, with 3 notches on E. and 3 notches on W. edge, and witnessed by 4 pits, NE., SE., SW., and NW. of post 5 $\frac{1}{2}$ ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor. |
|        | Thence N. 0° 02' W., bet. secs. 33 and 34.<br>Over level alkali flat through scattered short brush.   |
| 16.00  | Leave all vegetation, bears E. and W.   |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked.   |
|        | S34 on E. and $\frac{1}{4}$ S33 on W. face.   |

Subdivision of T33S, R15W

|          |   |
|----------|---|
| Chains   |   |
| to north | Dig pits, 18x18x12 ins., N. and S. of post 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor.; also, deposit glass around base of post.  |
| 80.00    | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 27, 28, 33, and 34, marked<br>T33S27 on NE.,<br>R15WS34 on SE.,<br>S33 on SW., and<br>S28 on NW. face, with 3 notches on E. and 1 notch on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant, and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|          | Land, level desert.   |
|          | Soil, heavy sandy clay.   |
|          | No timber.  |
|          | Undergrowth, scattered short salt brush on S. portion of mile.  |
|          | East, on a random line bet. secs. 27 and 34   |
| 40.00    | Set temp. ¼ sec. cor.   |
| 80.02    | Intersect N. and S. line 5 lks. N. of the cor. of secs. 26, 27, 34, and 35.   |
|          | Thence  |
|          | N. 89° 58' W., on true line bet. secs. 27 and 34.   |
|          | Over level alkali flat through scattered short brush.   |
| 16.00    | Leave all vegetation, bears N. and S.   |
| 40.01    | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked<br>¼ S27 on N., and<br>S34 on S. face.   |
|          | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.; also, deposit glass around base of post.  |
| 80.02    | The cor. of secs. 27, 28, 33 and 34.  |
|          | Land, level desert.   |
|          | Soil, heavy sandy clay.   |
|          | No timber.  |

# Subdivision of T.3N.S.15E.W.

| Chains |   | Notes |
|--------|---|-------|
|        | Undergrowth, scattered short salt brush on E. portion of                        |       |
|        | mile.   |       |
|        | N.0°02'W., bet. secs. 27 and 28.  | 00.00 |
|        | Over level desert void of vegetation.   |       |
| 12.00  | Enter scattered salt brush, bears NW. and SE.                                   |       |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in                           |       |
|        | the ground for $\frac{1}{4}$ sec. cor., marked                                  |       |
|        | S27 on E., and /  |       |
|        | S28 on W. face.   |       |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant                       |       |
|        | and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, |       |
|        | W. of cor.; also, deposit glass around base of post.                            |       |
| 65.50  | Leave all vegetation, bears NW. and SE.   |       |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in                           |       |
|        | the ground for cor. of secs. 21, 22, 27, and 28, marked                         |       |
|        | T3S322 on NE.,  |       |
|        | R15WS27 on SE.,   |       |
|        | S28 on SW., and   |       |
|        | S21 on NW. face, with 3 notches on E  |       |
|        | and 2 notches on S. edge; dig pits, 18x18x12 ins. in                            |       |
|        | each sec. 5 $\frac{1}{2}$ ft. distant, and raise a mound of earth,              |       |
|        | 4 ft. base, 2 ft. high, W. of cor.; also, deposit                               |       |
|        | glass around base of post.  |       |
|        | Land, level alkali flat.  |       |
|        | Soil, heavy sandy clay.   |       |
|        | No timber.  |       |
|        | Undergrowth, scattered short salt brush.  |       |
|        | S.89°58'E., on a random line bet. secs. 22 and 27.                              |       |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |       |
| 80.02  | Intersect the cor. of secs. 22, 23, 26, and 27.                                 |       |
|        | Thence  |       |
|        | N.89°58'W., on true line bet. secs. 22 and 27.                                  |       |
|        | Over level desert through scattered short brush.                                |       |
| 19.00  | Leave brush, bears N. and S.  |       |
| 40.01  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in                           |       |
|        | the ground for $\frac{1}{4}$ sec. cor., marked                                  |       |

Subdivision of T<sub>3</sub>S<sub>1</sub>R<sub>15</sub>W.

†S22 on N., and  
S27 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor.; also, deposit glass around base of post.

The cor. of secs. 21, 22, 27, and 28.

Land, level desert.

Soil, heavy sandy clay.

No timber.

Undergrowth, scattered short salt brush on E. 19 chs.

N. 0°02'W., bet. secs. 21 and 22.

Over level alkali flat void of vegetation.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for ¼ sec. cor., marked

S22 on E., and  
†S21 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.

Enter scattered short salt brush, bears E. and W.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 15, 16, 21, and 22, marked

T3SS15 on NE.,  
R15WS22 on SE.,  
S21 on SW., and  
S16 on NW. face, with 3 notches on E.

and 3 notches on S. edge; dig pits, 18x18x12 ins., in  
each sec., 5½ ft. distant; raise a mound of earth,  
4 ft. base, .2 ft. high, W. of cor.; also, deposit  
glass around base of post.

From this cor. Twin Nipples on Wild Cat Mountain, bears

S. 60°13'E.; sharp peak on Granite Mountain, bears

S. 26°15'E.; high point on Dutch Mountain, bears S. 35°

22'W.; top of high sand dune, bears N. 65°30'E.

Land, level alkali desert.

Chains

Soil, heavy sandy clay.

No timber.

Undergrowth, short salt brush on N. 7 chs.

S. 89°59'E., on random line bet. secs. 15 and 22 for  
signal at the cor. of secs. 14, 15, 22, and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect the cor. of secs. 14, 15, 22, and 23.

Thence

N. 89°59'W., on true line bet. secs. 15 and 22.

Over level desert void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S15 on N., and  
 $\frac{1}{4}$ S22 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around cor.

70.00 Enter scattered salt brush, bears NE. and S.

80.00 The cor. of secs. 15, 16, 21 and 22.

Land, level alkali desert.

Soil, heavy clay.

No timber.

Undergrowth, salt brush on W. 10 chs.

N. 0°02'W., bet. secs. 15 and 16.

Over level desert through scattered short brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

S15 on E., and  
 $\frac{1}{4}$ S16 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor.; also, deposit glass around base of post.

Cor. stands at S. edge of medium growth of short brush  
bearing NW. and SE.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

Subdivision of T.1.S. R.15 W.

Main

the ground for cor. of secs. 9, 10, 15, and 16, marked

T3SS10 on NE.,  
R15WS15 on SE.,  
S16 on SW., and  
S9 on NW. face, with 3 notches on E. and

4 notches on S. edge; dig pits, 18x18x12 ins. in each  
sec. 5½ ft. distant, and raise a mound of earth, 4 ft  
base, 2 ft. high, W. of cor.; also, deposit glass  
around base of post.

Land, level alkali desert.

Soil, heavy clay.

No timber.

Undergrowth, scattered to medium growth of short salt  
brush.

S. 89°59'E., on a random line bet. secs. 10 and 15.

Set temp. ¼ sec. cor.

Intersect cor. secs. 10, 11, 14, and 15.

Thence

N. 89°59'W., on true line bet. secs. 10 and 15.

Over low sand dunes and rises through short undergrowth.

Base of sand rise and enter alkali flat, bears N. and S.

E. base of sand rise and leave flat, bears N. and S.

W. base of sand rise and reenter flat, bears N. and S.

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for ¼ sec. cor., marked

¼S10 on N., and  
S15 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.; also, deposit glass around base of post.

Leave flat and enter sand rise, bears NW. and SE.

W. base of sand rise, bears NW. and SE.; continue over  
alkali flat.

The cor. of secs. 9, 10, 15, and 16.

Land, nearly level alkali desert.

Soil, heavy clay and loose sand.

No timber.



Subdivision of T. 3 S. R. 5 E.

|        |  |
|--------|--|
| Chains | Undergrowth, scattered salt brush.   |
|        | N.0°02'W., bet. secs. 9 and 10.  |
|        | Over level alkali flat through short brush.  |
| 7.90   | Leave flat and enter low sand rises and dunes, bears N.10°W. and S.30°E.   |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked<br>S10 on E., and<br>$\frac{1}{4}$ S9 on W. face.   |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around base of post.   |
|        | Cor. stands at N. end of sand dunes, bears N.15°W. and S.20°E.; thence over flat.  |
| 72.00  | The N. end of sand hill bearing SE. and E., bears E. about 8 chs. distant.   |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 3,4,9, and 10, marked<br>T3SS3 on NE.,<br>R15WS10 on SE.,<br>S9 on SW. and<br>S4 on NW. face, with 3 notches on E. and<br>5 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. distant, and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|        | Land, nearly level alkali desert.  |
|        | Soil, heavy clay and loose sand.   |
|        | No timber.   |
|        | Undergrowth, short salt brush.   |
|        | S.89°59'E., on a random line bet. secs. 3 and 10.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 79.94  | Intersect cor. of secs. 2,3,10, and 11.  |
|        | Thence<br>N.89°59'W., on true line bet. secs. 3 and 10.  |

## Subdivision of T. 3 S., R. 15 W.

Main

Over level alkali desert through scattered short brush.

39.97 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S3 on N., and  
S10 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around base of post.

79.94 The cor. of secs. 3, 4, 9, and 10.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, scattered salt brush.

N.  $0^{\circ}04'E.$ , on a random line bet. secs. 3 and 4.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect N. bdy. of the Tp. 7 lks. E. of the cor. of secs. 3, 4, 33, and 34 which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set and marked

T28834 on NE.,

S3 on SE.,

T3864 on SW., and

R15WS33 on NW. face, with 3 notches on E.,

and 3 notches on W. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post  $5\frac{1}{2}$  ft.

distant and mound of earth, 4 ft. base, 2 ft. high,

W. of cor.

Thence

S.  $0^{\circ}01'W.$ , on true line bet. secs. 3 and 4.

Over level desert through scattered short brush.

3.60 Leave all brush, bears E. and W.

40.08 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S3 on E., and  
 $\frac{1}{4}$  S4 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post 3 ft. distant

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor.; also, deposit glass around base of post.

Subdivision of T.3 S., R.11 W.

| Chains |   |
|--------|---|
| 48.10  | Enter scattered salt brush and low hummocks, bears E. and W.  |
| 80.08  | The cor. of secs. 3, 4, 9, and 10.<br>Land, level alkali desert.<br>Soil, heavy sandy clay.<br>No timber.<br>Undergrowth, scattered short salt brush.   |
|        | From the cor. of secs. 4, 5, 32, and 33 on the S. bdy. of the Tp. which is a fir post, 4 ins. square, extending 6 ins. above ground, firmly set and marked<br>T3SS33 on NE.,<br>S4 on SE.,<br>T4SS5 on SW., and<br>R15WS32 on NW. face, with 4 notches on E. and 2 notches on W. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post 5½ ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.<br>N.0°03'W., bet. secs. 32 and 33.<br>Over level desert through scattered short brush. |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked<br>S33 on E., and<br>¼S32 on W. face.  |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.; also, deposit glass around base of post.  |
| 72.00  | Leave all vegetation, bears N.30°W. and SE.   |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 28, 29, 32, and 33, marked<br>T3SS28 on NE.,<br>R15WS33 on SE.,<br>S32 on SW., and<br>S29 on NW. face, with 4 notches on E. and 1 notch on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post.  |

Land, level alkali desert.

Soil, heavy clay.

No timber.

Undergrowth, scattered salt brush.

East, on a random line bet. secs. 28 and 33.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect cor. of secs. 27, 28, 33, and 34.

Thence

West, on true line bet. secs. 28 and 33.

Over level alkali desert void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S28 on N., and  
 $\frac{1}{4}$ S33 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.; also, deposit glass around base of post.

80.00 The cor. of secs. 28, 29, 32, and 33.

Land, level alkali desert.

Soil, heavy clay.

No timber.

No undergrowth.

N.0°03'W., bet. secs. 28 and 29.

Over level alkali desert through very scattered short undergrowth.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S28 on E., and  
 $\frac{1}{4}$ S29 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.; also, deposit glass around base of post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 20, 21, 28, and 29, marked

T38S21 on NE.,

Chains

Establish a level, back to E.  
 115W326 on SE.,  
 529 on SW., and 530 on NW. face, with 4 notches on E.  
 admit of

2 notches on S. edge; dig pits, 18x18x12 ins., in  
 each sec.  $3\frac{1}{2}$  ft. distant, and raise a mound of earth  
 4 ft. base, 2 ft. high, W. of cor.; also, deposit  
 glass around base of post.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, very scattered short salt brush.

East, on a random line bet. secs. 21 and 28

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

70.00 Intersect the cor. of secs. 21, 22, 27, and 28.

Thence

West, on true line bet. secs. 21 and 28.

Over level alkali desert void of vegetation.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for  $\frac{1}{2}$  sec. cor., marked

521 on E., and  
 528 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.; also, deposit glass around base of post.

90.00 The cor. of secs. 20, 21, 28, and 29.

Land, level desert.

Soil, heavy clay.

No timber.

No undergrowth.

E. 0° 03' W., bet. secs. 20 and 21.

Over level alkali desert void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for  $\frac{1}{2}$  sec. cor., marked

521 on E., and  
 529 on W. face.

Subdivision of T.3 S. R.15 W.

|       |  |
|-------|--|
|       | Dig pits, 18x18x12 ins., N. and S. of post 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.; also, deposit glass around base of post.  |
| 80.00 | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 16,17,20, and 21, marked<br>T3SS16 on NE.,<br>R15WS21 on SE.,<br>S20 on SW., and<br>S17 on NW. face, with 4 notches on E.<br>and 3 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant, and raise a mound of earth 4 ft. base, 3 ft. high, W. of cor.; also, deposit glass around base of post. |
|       | Land, level desert.  |
|       | Soil, heavy clay.  |
|       | No timber.   |
|       | No undergrowth.  |
|       | East, on a random line bet. secs. 16 and 21.   |
| 40.00 | Set temp. ¼ sec. cor.  |
| 79.96 | Intersect the cor. of secs. 15,16,21, and 22.<br>Thence<br>West, on true line bet. secs. 16 and 21.<br>Over level alkali desert through scattered short brush.   |
| 39.98 | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked<br>¼S16 on N., and<br>S21 on S. face.   |
|       | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.; also, deposit glass around base of post.   |
| 72.50 | Leave brush, bears N. and S.   |
| 79.96 | The cor. of secs. 16,17,20, and 21.<br>Land, level alkali desert.<br>Soil, heavy clay.<br>No timber.<br>Undergrowth, short salt brush.   |

## Subdivision of T.3 S., R.15 W.

| Chains |   |
|--------|---|
|        | N.0°03'W., bet. secs. 16 and 17.  |
|        | Over level alkali desert void of vegetation.  |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked  |
|        | S16 on E. and   |
|        | S17 on W. face.   |
|        | Dig pits, 18x18x12 ins., N. and S. of post 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around base of post.       |
|        | From this cor. the center of a sand hill bearing SE. for about 9 chs. and NW., bears W. about 10 chs. distant.  |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 8, 9, 16, and 17, marked   |
|        | T3SS9 on NE.,   |
|        | R15WS16 on SE.,   |
|        | S17 on SW., and   |
|        | S8 on NW. face, with 4 notches on E.  |
|        | and 4 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. distant, and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|        | Land, level desert.   |
|        | Soil, heavy clay.   |
|        | No timber.  |
|        | No undergrowth.   |
|        | East, on a random line bet. secs. 9 and 16.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |
| 79.94  | Intersect the cor. of secs. 9, 10, 15 and 16.   |
|        | Thence  |
|        | West, on true line bet. secs. 9 and 16.   |
|        | Over level alkali desert through short brush.   |
| 32.00  | Leave all vegetation, bearing   |
| 39.97  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked  |

Subdivision of T.3. S. E. 18 W.

Chains

‡S9 on N., and  
‡S16 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor.; also, deposit glass around base of post.

79.94 The cor. of secs. 8, 9, 16, and 17.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, short salt brush on W. portion of mile.

N.0°03'W., bet. secs. 8 and 9.

Over level alkali desert void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for ¼ sec. cor., marked

S9 on E., and  
‡S8 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor.; also, deposit glass around base of post.

56.00 Enter scattered short brush, bears E. and W.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 4, 5, 8, and 9, marked

T3S84 on NE.,  
R15WS9 on SE.,  
S8 on SW., and  
S5 on NW. face, with 4 notches on E.

and 5 notches on S. edge; dig pits, 18x18x12 ins. in

each sec. 5½ ft. distant and raise a mound of earth

4 ft. base, 2 ft. high, W. of cor.; also, deposit  
glass around base of post.

Land, level desert.

Soil, heavy clay.

No timber.

No undergrowth.



Subdivision of T. 3 S., R. 15 W.

| Chains |  |
|--------|--|
|        | East, on a random line bet. secs. 4 and 9.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 79.92  | Intersect N. and S. line 8 lks. N. of the cor. of secs. 3, 4, 9, and 10.   |
|        | Thence   |
|        | N. 89° 59' W., on true line bet. secs. 4 and 9   |
|        | Over level desert through short undergrowth.   |
| 23.40  | Leave undergrowth, bears SW. and NE.; the base of low sand hills bearing E. and W. bears N. about 30 chs. distant.   |
| 39.96  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked   |
|        | S4 on N., and<br>S9 on S. face.  |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.; also, deposit glass around base of post. |
| 71.80  | Enter scattered short brush, bears N. and S.   |
| 79.92  | The cor. of secs. 4, 5, 8, and 9.  |
|        | Land, level alkali desert.   |
|        | Soil, heavy clay.  |
|        | No timber.   |
|        | Undergrowth, short salt brush.   |
|        | N. 0° 01' E., on a random line bet. secs. 4 and 5.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 80.05  | Intersect N. bdy. of the Tp. 16 lks. E. of the cor. of secs. 4, 5, 32 and 33 which is a fir post, 4 ins. square extending 6 ins. above ground, firmly set and marked                           |
|        | T2SS33 on NE.,<br>S4 on SE.,<br>T3SS5 on SW., and<br>R15WS32 on NW., with 4 notches on E.  |
|        | and 2 notches on W. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post 5 $\frac{1}{2}$ ft. distant and mound of earth, 4 ft. base, 2 ft. high,                       |

## Subdivided of T.32S., R.15 W.

Chains

to W. of cor.

Thence

S.10°06'E., on true line bet. secs. 4 and 5.

Over level alkali desert through scattered short brush.

40.05 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S4 on E., and  
S5 on W., face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around base of post. From cor. sand hills bear E. about 10 chs. and W. about 8 chs. distant.

80.05 The cor. of secs. 4, 5, 8, and 9.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, short salt brush.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. which is a fir post, 4 ins. square, extending 6 ins. above ground, firmly set and marked

T3SS32 on NE.,  
S5 on SE.,  
T4SS6 on SW., and  
R15WS31 on NW. face, with 5 notches

on E. and 1 notch on W. edge, and witnessed by 4 pits 18x18x12 ins., NE., SE., SW., and NW. of post 5 $\frac{1}{2}$  ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

N.0°04'W., bet. secs. 31 and 32.

Over level alkali desert through scattered short brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S32 on E., and  
S31 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

## Subdivision of T.3 S. 24 E. W.

| Chains |  |
|--------|--|
|        | W. of cor.; also, deposit glass around base of post.   |
|        | Leave all vegetation, bears E. and W.  |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 29, 30, 31 and 32, marked   |
|        | T3SS29 on NE.,<br>R15WS32 on SE.,<br>S31 on SW., and<br>S30 on NW. face, with 5 notches on E and 1 notch on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|        | Land, level alkali desert.   |
|        | Soil, heavy clay.  |
|        | No timber.   |
|        | Undergrowth, short salt brush on S. ½ mile.  |
|        | East, on a random line bet. secs. 29 and 32.   |
| 40.00  | Set temp. ¼ sec. cor.  |
| 80.02  | Intersect the cor. of secs. 28, 29, 32 and 33.   |
|        | Thence   |
|        | West, on true line bet. secs. 29 and 32.   |
|        | Over level alkali desert void of vegetation.   |
| 40.01  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked   |
|        | ¼S29 on N., and<br>¼S32 on S. face.  |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.; also, deposit glass around base of post.   |
| 80.02  | The cor. of secs. 29, 30, 31 and 32.   |
|        | Land, level desert.  |
|        | Soil, heavy clay.  |
|        | No timber.   |
|        | Undergrowth, a few scattered salt brush on E. portion of mile.   |
|        | West, on a random line bet. secs. 30 and 31.   |

## Subdivision of T3S R. R. 15 W.

Gains

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

88.17

Intersect W. bdy. of the Tp. 2 lks. S. of the cor. of

secs. 30 and 31 which is a fir post, 4 ins. square;  
extending 8 ins. above ground, firmly set and markedT3SS30 on NE., and  
R15WS31 on SE. face, with 5notches on N. and 1 notch on S. edge, and witnessed  
by 2 pits, 18x18x12 ins., NE. and SE. of post,  $5\frac{1}{2}$  ft.  
distant and mound of earth, 4 ft. base, 2 ft. high,  
E. of cor.

Thence

S. 89°59'E., on true line bet. secs. 30 and 31.

Over level alkali desert void of vegetation.

48.17

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked $\frac{1}{4}$ S30 on N., and  
S31 on S. face.Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.; also, deposit glass around base of post.

88.17

The cor. of secs. 29, 30, 31 and 32.

Land, level desert.

Soil, heavy clay.

No timber.

No undergrowth.

N. 0°04'W., bet. secs. 29 and 30.

Over level alkali desert void of vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., markedS29 on E., and /  
 $\frac{1}{4}$ S30 on W. face.Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around base of post.

Subdivision of T-3 S., R-25 W.

| Chains |  | unlabeled |
|--------|--|-----------|
|        |  | 00.00     |
| 56.00  | Enter scattered salt brush, bears NE. and S. 40°W.   | 71.80     |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 19, 20, 29, and 30, marked  |           |
|        | T3SS20 in NE.,<br>R15WS29 on SE.,<br>S30 on SW. and<br>S19 on NW. face, with 5 notches on E.<br>and 2 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |           |
|        | Land, level desert.  |           |
|        | Soil, heavy clay.  |           |
|        | No timber.   |           |
|        | Undergrowth, short salt brush on N. portion of mile.   |           |
|        | East, on a random line bet. secs. 20 and 29.   |           |
| 40.00  | Set temp. ¼ sec. cor.  |           |
| 80.02  | Intersect the cor. of secs. 20, 21, 28, and 29.  |           |
|        | Thence   |           |
|        | West, on true line bet. secs. 20 and 29.   |           |
|        | Over level alkali desert void of vegetation.   |           |
| 37.50  | Enter scattered salt brush, bears NE. and S.   |           |
| 40.01  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked   |           |
|        | ¼S20 on N., and<br>S29 on S. face.   |           |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.; also, deposit glass around base of post.   |           |
| 80.02  | The cor. of secs. 19, 20, 29, and 30.  |           |
|        | Land, level alkali desert.   |           |
|        | Soil, heavy clay.  |           |
|        | No timber.   |           |
|        | Undergrowth, scattered short salt brush.   |           |
|        | N. 89°59'W., on a random line bet. secs. 19 and 30.  |           |

Subdivision of T.3 S., R.16 W.

Main

7804

40:00. Set temp.  $\frac{1}{4}$  sec. cor.

88:04 Intersect. W. bdy. of the Tp. at the cor. of secs. 19 and 30 which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, marked  
T3S819 on NE., and  
R16WS30 on SE. face, with 4 notches on N. and 2 notches on S. edge, and witnessed by 2 pits, 18x18x12 ins., NE. and SE. of post  $5\frac{1}{2}$  ft. dist., and mound of earth, 4 ft. base, 2 ft. high, E. of cor.

Thence

S.89°59'E., on true line bet. secs. 19 and 30.

Over level alakli desert void of vegetation.

48:04 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S19 on N., and  
S30 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high E. of cor.; also, deposit glass around base of post.

88:04 The cor. of secs. 19, 20, 29, and 30.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, a few scattered salt brush on portions of mile.

N.0°04'W., bet. secs. 19 and 20.

Over level desert through short salt brush.

40:00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S20 on E., and  
 $\frac{1}{4}$ S19 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high

Subdivision of T.3 S., R.13 E.

| Chains |  |
|--------|--|
|        | W. of cor.; also, deposit glass around base of post.   |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 17, 18, 19, and 20, marked T38S17 on NE., R15WS20 on SE., S19 on SW., and S18 on NW. face, with 5 notches on E., and 3 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|        | Land, level alkali desert.   |
|        | Soil, heavy clay.  |
|        | No timber.   |
|        | Undergrowth, salt brush.   |
|        | East, on a random line bet. secs. 17 and 20.   |
| 40.00  | Set temp. ¼ sec. cor.  |
| 80.02  | Intersect the cor. of secs. 16, 17, 20, and 21. Thence West, on true line bet. secs. 17 and 20. Over level alkali desert void of vegetation.   |
| 16.00  | Enter short salt brush, bears N. and S.  |
| 40.01  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked ¼S17 on N., and ¼S20 on S. face. Dig pits, 18x18x12 ins., E. and W. of post, 13 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor.; also, deposit glass around base of post. From cor. the S. edge of a sand ridge bearing E. and W. bears N. about 25 chs. distant.     |
| 80.02  | The cor. of secs. 17, 18, 19, and 20. Land, level alkali desert. Soil, heavy clay. No timber. Undergrowth, salt brush.   |

Subdivision of T.3 S., R.15 W.

N.89°58'W., on a random line bet. secs. 18 and 19 for  
signal at the cor. of secs. 18 and 19 on the W. bdy.  
of the Tp.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

87.90 Intersect W. bdy. of the Tp. at the cor. of secs. 18 and  
19 which is a fir post, 4 ins. square, extending 8  
ins. above ground, firmly set and marked

T3SS18 on NE., and  
R15WS19 on SE. face, with 3 notches

on N. and 3 notches on S. edge, and witnessed by 2 pits,  
18x18x12 ins., NE. and SE. of post  $5\frac{1}{2}$  ft. distant and  
mound of earth, 4 ft. base, 2 ft. high, E. of cor.

Thence

S.89°58'E., on true line bet. secs. 18 and 19.

Over level alkali desert void of vegetation.

47.90 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S18 on N., and  
S19 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
N. of cor.; also, deposit glass memorial around base  
of post.

57.90 Enter scattered salt brush, bears N. and S.

87.90 The cor. of secs. 17, 18, 19, and 20.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, salt brush on E. portion of mile.

N.0°04'W., bet. secs. 17 and 18.

Over level desert through scattered short brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

S17 on E., and  
 $\frac{1}{4}$ S18 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant



Chains

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also deposit glass around base of post.  
From cor. sand hills or dunes extending N. and S. bear  
E. of line about 10 chs. distant.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 7,8,17, and 18, marked  
T3SS8 on NE.,  
R15WS17 on SE.,  
S18 on SW., and  
S7 on NW. face, with 5 notches on E.  
and 4 notches on S. edge; dig pits, 18x18x12 ins.  
in each sec.  $5\frac{1}{2}$  ft. distant and raise a mound of  
earth, 4 ft. base, 2 ft. high, W. of cor.; also,  
deposit glass around base of post.  
Land, level on S. half and broken by small hummocks on  
N. half.  
Soil, heavy clay.  
No timber.  
Undergrowth, salt brush.

East, on a random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect cor. of secs. 8,9,16, and 17.

Thence

West, on true line bet. secs. 8 and 17.

Over level alkali desert through short undergrowth.

40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ SS on N., and  
S17 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.; also, deposit glass around base of post.

53.50 Leave flat and enter low sand hills, bears N. about  
5 chs. and S.

64.60 Leave sand hills and reenter flat, bears N. about 5 chs.  
and S.

Subdivision of T. 3 S., R. 15 W.

- 39.02 The cor. of secs. 7, 8, 17, and 18.  
Land, level desert and low sand rises.  
Soil, heavy clay and loose sand.  
No timber.  
Undergrowth, scattered salt brush.  
N. 89° 58' W., on a random line bet. secs. 7 and 18.
- 40.00 Set temp,  $\frac{1}{4}$  sec. cor.
- 87.75 Intersect W. bdy. of the Tp. at the cor. of secs. 7 and 18 which is a fir post, 4 ins. square, extending 10 ins. above ground, firmly set, and marked  
T3SS7 on NE., and  
R15WS18 on SE. face, with 2 notches on N. and 4 notches on S. edge, and witnessed by 2 pits, 18x18x12 ins., NE. and SE. of post, 5 $\frac{1}{2}$  ft. distant and mound of earth, 4 ft. base, 2 ft. high, E. of cor.
- Thence  
S. 89° 58' E., on true line bet. secs. 7 and 18.  
Over level alkali desert through scattered short brush.
- 47.75 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$ S7 on N., and  
S18 on S. face.  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high E. of cor.; also, deposit glass around base of post.
- 87.75 The cor. of secs. 7, 8, 17, and 18.  
Land, level.  
Soil, heavy clay.  
No timber.  
Undergrowth, scattered salt brush.  
N. 0° 04' W., bet. secs. 7 and 8.  
Over level alkali desert through scattered salt brush.
- 8.10 Leave all brush, bears E. and W.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

# Subdivision of T.3 S., R.15 E.

Chains

the ground for  $\frac{1}{4}$  sec. cor. marked 80.00

S8 on E., and  
 $\frac{1}{4}$ S7 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.; also, deposit glass around base of post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for cor. of secs. 5, 6, 7, and 8, marked

T3SS5 on NE.,  
 R15WS8 on SE.  
 S7 on SW., and  
 S6 on NW. face, with 5 notches on E.,

and 5 notches on S. edge; dig pits, 18x18x12 ins.  
 in each sec,  $5\frac{1}{2}$  ft. distant, and raise a mound of  
 earth, 4 ft. base, 2 ft. high, W. of cor.; also,  
 deposit glass around base of post.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, scattered short salt brush.

East, on a random line bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect N. and S. line 2 lks. S. of the cor. of secs.  
 4, 5, 8, and 9.

Thence

S.  $89^{\circ}59'$  W., on true line bet. secs. 5 and 8.

Over level alkali desert through scattered short brush.

31.10 Leave all vegetation, bears N.  $50^{\circ}$  W. and S.  $10^{\circ}$  E.

40.02 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S5 on N., and  
 S8 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.; also, deposit glass around base of post.

80.04 The cor. of secs. 5, 6, 7, and 8.

## Subdivision of T.3.S., R.15.W.

Main

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, scattered short brush on E. 31.10 chs.

N.89°58'W., on a random line bet. secs. 6 and 7.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

87.59 Intersect W. bdy. of the Tp. 3 lks. S. of the cor. of  
secs. 6 and 7, which is a fir post, 4 ins. square,  
extending 8 ins. above ground, firmly set, and marked  
T3SS6 on NE., and  
R15WS7 on SE. face, with 1 notch on  
N. and 5 notches on S. edge, and witnessed by 2 pits,  
18x18x12 ins., NE. and SE. of post  $5\frac{1}{2}$  ft. distant, and  
mound of earth, 4 ft. base, 2 ft. high, E. of cor.

Thence

S.89°57'E., on true line bet. secs. 6 and 7.

Over level alkali desert void of vegetation.

47.59 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S6 on N., and  
S7 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.; also, deposit glass around base of post.

87.59 The cor. of secs. 5, 6, 7, and 8.

Land, level desert.

Soil, heavy clay.

No timber.

No undergrowth.

N.0°06'W., on a random line bet. secs. 5 and 6.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect N. bdy. of the Tp. 2 lks. E. of the cor. of  
secs. 5, 6, 31, and 32, which is a fir post, 4 ins.  
square, extending 8 ins. above ground, firmly set  
and marked

# DESCRIPTION OF T. 2 S. 36 N. 10 E.

## Chains

TABLE on Highway level, dual  
 85 on SE.,  
 7386 on SW., post wood 1108  
 115831 on NW. face, with 5 notches on

E. and 1 notch on W. edge, and witnessed by 4 pits,  
 18x18x12 ins., NE., SE., SW. and NW. of post 5 1/2 ft.  
 distant and mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor.

## Thence

3.0°07'E., on true line bet. secs. 5 and 6.

Over level desert through scattered short salt brush.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for 1/2 sec. cor., marked

85 on E., and  
 186 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
 and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
 W. of cor.; also, deposit glass around base of post.

65.60 Leave all undergrowth, bears E. and W.

66.00 The cor. of secs. 5, 6, 7, and 8.

Land, level desert.

Soil, heavy clay.

No timber.

Undergrowth, scattered salt brush on N. 65.60 chs.

## GENERAL DESCRIPTION

This township is situated on the Great Salt Lake Desert  
 and with the exception of a few scattered sand rises  
 or hills which range from 5 to 75 ft. in height is a  
 level alkali flat. In the NE 1/4 sec. 12 is a high  
 prominent shifting sand dune or ridge which extends  
 in an easterly direction for about 6 miles. The  
 alkali flats are generally void of any vegetation,  
 while the soil on the sand rises supports a  
 growth of salt brush.  
 The soil ranges from a wet, sticky heavy clay and sand

General Description. T.3 S..R.15 W.

clay on the flat to a loose sandy clay and sand on the rises. In the western portion of the township a salt brine lies close to the surface of the ground. There are no settlers or any improvements in the township.

No magnetic declination was taken on account of a defective needle.

For table of latitudes and departures see book "H"  
Group 164, Utah.

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**CERTIFICATE OF UNITED STATES SUPERVISOR**

**Cadastral Engineer**

I, Andrew Nelson, U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 13th day of October, 1927, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision of T.3 S., R.15 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. **Certified to at:**

**Salt Lake City, Utah,  
January 8, 1929**

*Andrew Nelson*  
U.S. Cadastral Engineer ~~xxxxxx~~

**APPROVAL.**

OFFICE OF U. S. SUPERVISOR OF SURVEYS,  
Denver, Colorado **MAR 12**

The foregoing field notes of the survey of the subdivision of T.3 S., R.15 W.,  
of the Salt Lake Base and Meridian, Utah

executed by Andrew Nelson, U. S. Cadastral Engineer under his special instructions dated October 13, 1927, having critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Wm. H. Johnson*  
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in the file in this office, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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BOOK A-489

## FIELD NOTES

OF THE SURVEY OF THE

RECEIVED

JAN 10 1929  
Department Of The Interior  
Public Survey Office  
Salt Lake City, Utah

SUBDIVISION AND ESTABLISHMENT OF QUARTER

SECTION CORNERS BETWEEN CLOSING CORNERS

ON THE NORTH BOUNDARY OF T.2 S., R.16 W.

Of the Salt Lake Base and Meridian,  
the State of Utah

EXECUTED BY

Andrew Nelson, U. S. Cadastral Engineer

~~Survey of U. S. Surveyor~~, under instructions dated October 13, 1927, ~~1927~~,  
by the United States Surveyor General to govern surveys included in  
Map No. 206, which were approved by the Commissioner of the General Land  
Office, October 29, 1927; and Assignment Instructions dated  
October 18, 1928.

Survey commenced August 28, 1928, ~~1928~~Survey completed September 5, 1928, ~~1928~~

BOOK A-489

# INDEX DIAGRAM.

| Township |       | 2 South |       | Range |    | 16 West |  |
|----------|-------|---------|-------|-------|----|---------|--|
| 46       | 45    | 44      | 44    | 43    | 42 |         |  |
| 6 41     | 5 31  | 4 24    | 3 17  | 2 10  | 1  |         |  |
| 41       | 40    | 31      | 24    | 17    | 10 |         |  |
| 7 40     | 8 30  | 9 23    | 10 16 | 11 9  | 12 |         |  |
| 39       | 38    | 29      | 22    | 16    | 8  |         |  |
| 18 38    | 17 29 | 16 22   | 15 15 | 14 7  | 13 |         |  |
| 37       | 37    | 28      | 21    | 14    | 7  |         |  |
| 19 36    | 20 27 | 21 21   | 22 14 | 23 6  | 24 |         |  |
| 35       | 35    | 27      | 20    | 13    | 5  |         |  |
| 30 34    | 29 26 | 28 19   | 27 13 | 26 5  | 25 |         |  |
| 33       | 33    | 26      | 19    | 12    | 4  |         |  |
| 31 32    | 32 25 | 33 18   | 34 11 | 35 3  | 36 |         |  |

T.2 S., R.16 W.

Date Diagram, T.2 S., R.16 W.

|        |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|
| 6      | 5       | 4       | 3       | 2       | 1       |
| 9-5-28 | 9-5-28  | 9-5-28  | 9-5-28  | 9-5-28  | 9-5-28  |
| 9-5-28 | 9-5-28  | 9-5-28  | 8-31-28 | 8-29-28 | 8-28-28 |
| 7      | 8       | 9       | 10      | 11      | 12      |
| 9-5-28 | 9-5-28  | 8-31-28 | 8-30-28 | 8-29-28 | 8-28-28 |
| 18     | 17      | 16      | 15      | 14      | 13      |
| 9-1-28 | 9-1-28  | 8-31-28 | 8-30-28 | 8-29-28 | 8-28-28 |
| 19     | 20      | 21      | 22      | 23      | 24      |
| 9-1-28 | 9-1-28  | 8-31-28 | 8-30-28 | 8-29-28 | 8-28-28 |
| 30     | 29      | 28      | 27      | 26      | 25      |
| 9-1-28 | 9-1-28  | 8-31-28 | 8-30-28 | 8-29-28 | 8-28-28 |
| 31     | 32      | 33      | 34      | 35      | 36      |
| 9-1-28 | 8-31-28 | 8-30-28 | 8-29-28 | 8-28-28 |         |

All lines surveyed by Andrew Nelson, U. S.  
Cadastral Engineer.

T.2 S., R.16 W.

Survey commenced August 25, 1928 and executed with Buff and Buff transit No. 9978, equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

The instrument was approved for use in this survey by the District Cadastral Engineer for Utah in assignment instructions dated July 18, 1928, conditional upon satisfactory field tests.

I examine the adjustments of the instrument and correct all errors.

The lines in this township extend over level, open country void of any vegetation; therefore, the solar attachment is not used and all lines are projected by double fore and back sights and azimuth determinations are accomplished by deflection angles from the south and east boundaries of the township which were established by me under Group 164, Utah, in 1925. These boundaries were projected from true meridians determined by observations on Polaris as described in book "H" of exteriors, Group 164, Utah.

The instrument was kept in good adjustment during the progress of the survey and numerous meridians were established by observations on Polaris from which the bearing of the lines were checked. A record of these observations does not appear in these notes.

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 8 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

# Subdivision of T.2 S., R.16 W.

chains

The soil in this township is of alkaline and mineral character and a heavy brine or salt water lies close to the surface of the ground and in some seasons the surface is inundated. The action of the salt brine and mineral causes the regulation iron post corner monument to oxidize rapidly, and in view of this exceptional circumstance and the absence of durable native stone renders it necessary to substitute in lieu of the iron post corners, dressed fir posts, 4 ft. long and 4 ins. square, with gabled or wedged shaped tops, saturated in linseed oil and with an inch hole bored through the post about 8 inches from the base through which an 8 inch plug is inserted to serve as an anchor. A glass memorial is also deposited around each and every corner in the township, about 4 inches under the surface of the ground.

## SUBDIVISION OF T.2 S., R.16 W.

I begin at the cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the Tp. which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set and marked

T2SS36 on NE.,  
S1 on SE.,  
T3SS2 on SW., and  
R16WS35 on NW. face, with 1 notch on

E., and 5 notches on W. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. from post 5½ ft. distant, and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

N.0°01'W., bet. secs. 35 and 36.

Over level alkali flat; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in



## Subdivision of T.2 S., R.16 W.

| Chains |  |
|--------|--|
|        | <p>the ground for <math>\frac{1}{4}</math> sec. cor., marked:</p> <p>S36 on E., and<br/>S35 on W. face</p> <p>Dig pits, 18x18x12 ins., E. and S. of post, 3 ft. distant and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.; also, deposit glass around post.</p>   |
| 80.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 25, 26, 35, and 36, marked:</p> <p>T2SS25 on NE.,<br/>R16WS36 on SE.,<br/>S35 on SW., and<br/>S26 on NW. face, with 1 notch on E. and 1 notch on S. edge; dig pits, 18x18x12 ins., in each sec. <math>5\frac{1}{2}</math> ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.</p> <p>Land, level desert.</p> <p>Soil, heavy, wet clay.</p> <p>No timber.</p> <p>No undergrowth.</p>                             |
|        | <p>N. <math>89^{\circ}59'E.</math>, on a random line bet. secs. 25 and 36.</p>   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 80.00  | <p>Intersect E. bdy. of the Tp. at the cor. of secs. 25 and 36 which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set and marked:</p> <p>T2SS25 on NW., and<br/>R16WS36 on SW. face, with 5 notches on N. and 1 notch on S. edge, and witnessed by 2 pits, 18x18x12 ins., NW. and SW. of post <math>5\frac{1}{2}</math> ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.</p> <p>Thence</p> <p>S. <math>89^{\circ}59'W.</math>, on true line bet. secs. 25 and 36.</p> <p>Over level alkali desert; no vegetation.</p> |
| 40.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. marked:</p> <p>S25 on N., and<br/>S36 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant</p>  |

Subdivision of T.2 S., R.16 W.

- and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
N. of cor.; also, deposit glass around post.
- 80.00 The cor. of secs. 25, 26, 35, and 36.
- Land, level desert.
- Soil, heavy, wet clay.
- No timber.
- No undergrowth.
- N.0°01'W., bet. secs. 25 and 26.
- Over level alkali desert; no vegetation.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked:  
S25 on E., and  
S26 on W. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 23, 24, 25, and 26, marked:  
T2SS24 on NE.,  
R16WS25 on SE.,  
S26 on SW., and  
S23 on NW. face, with 1 notch on E. and  
2 notches on S. edge; dig pits, 18x18x12 ins., in  
each sec.  $5\frac{1}{2}$  ft. distant, and raise a mound of earth  
4 ft. base, 2 ft. high, W. of cor.; also deposit glass  
around post.
- Land, level desert.
- Soil, heavy, wet clay. Surface crusted with thin layer  
of salt.
- No timber.
- No undergrowth.
- N.89°59'E., on a random line bet. secs. 24 and 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect E. bdy. of the Tp. at the cor. of secs. 24 and

Subdivision of T.2 S., R.36 W., S.13

Chains

and

25, which is a fir post 4 ins. square, extending 8 ins. above ground, marked T2SS24 on NW., and R16WS25 on SW. face, with 4 notches on N., and 2 notches on S. edge, and witnessed by 2 pits, 18x18x12 ins., NW. and SW. of post 5 1/2 ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

S.89°59'W., on true line bet. secs. 24 and 25.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for 1/4 sec. cor., marked:

1/4 S24 on N., and 1/4 S25 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high N. of cor.; also, deposit glass around post.

80.00 The cor. of secs. 23, 24, 25, and 26.

Land, level alkali desert.

Soil, heavy clay with thin crust of salt on surface.

No timber.

No undergrowth.

N.0°01'W., bet. secs. 23 and 24.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for 1/4 sec. cor., marked:

1/4 S24 on E., and 1/4 S23 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface of ground.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

the ground for cor. of secs. 13, 14, 23, and 24, marked:

T2SS13 on NE. corner, R16WS24 on SE., S23 on SW., and S14 on NW. face, with 1 notch on E. and

Subdivision of T.2 S., R.16 W.

Chains

3 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5½ ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also deposit glass around post.

Land, level alkali desert.

Soil, heavy, wet clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect E. bdy. of the Tp. at the cor. of secs. 13 and 24 which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, and marked:

T2SS13 on NW., and  
R16WS24 on SW. face, with 3 notches on N.,

and 3 notches on S. edge, and witnessed by 2 pits, 18x18x12 ins., NW. and SW. of cor. 5½ ft. distant, and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

S.89°59'W., on true line bet. secs. 13 and 24.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for ¼ sec. cor., marked:

¼S13 on N., and  
S24 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface of ground.

80.00 The cor. of secs. 13, 14, 23, and 24.

Land, level alkali desert.

Soil, heavy, wet clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.0°01'W., bet. secs. 13 and 14.

Subdivision of T. 2 S. R. 14 E.

| Chains |  |
|--------|--|
|        | entire   |
|        | Over level desert; no vegetation.  |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked:<br>S13 on E., and<br>$\frac{1}{4}$ S14 on W. face.   |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around post.   |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 11, 12, 13, and 14, marked:<br>T2SS12 on NE.,<br>R16WS13 on SE.,<br>S14 on SW., and<br>S11 on NW. face, with 1 notch on E.<br>and 4 notches on S. edge; dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around base of post. |
|        | Salt brine 3 ft. under surface.  |
|        | Land, level alkali desert.   |
|        | Soil, heavy, wet, sandy clay; thin crust of salt on surface.   |
|        | No timber.   |
|        | No undergrowth.  |
|        | N. 89° 59' E., on a random line bet. secs. 12 and 13.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 80.02  | Intersect E. bdy. of the Tp. at the cor. of secs. 12 and 13 which is a fir post, 4 ins. square, extending 8 in. above ground, firmly set and marked:<br>T2SS12 on NW., and<br>R16WS13 on SW. face, with 2 notches<br>on N. and 4 notches on S. edge, and witnessed by 2 pits, 18x18x12 ins., NW. and SW. of post $5\frac{1}{2}$ ft. distant, and mound of earth, 4 ft. base, 2 ft. high W. of cor.                   |

Thence

Subdivision of T.2 S. R.16 W.

Chains

S. 89° 59' W., on true line bet. secs. 12 and 13.

Over level alkali desert; no vegetation.

40.01 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S12 on N., and  
S13 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface of ground.

80.02 The cor. of secs. 11, 12, 13, and 14.

Land, level desert.

Soil, heavy, wet, sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N. 0° 01' W., bet. secs. 11 and 12.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S12 on E., and  
S11 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 1, 2, 11, and 12, marked:

T2S81 on NE.,  
R16WS12 on SE.,  
S11 on SW., and  
S2 on NW. face, with 1 notch on E. and

5 notches on S. edge; dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

## Subdivision of T.2 S., R.16 W.

## Chains

Soil, heavy sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 1 and 12.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect E. bdy. of the Tp. 2 lks. N. of the cor. of secs. 1 and 12 which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, and marked T2SS1 on NW., and R16WS12 on SW. face, with a notch on N. and 5 notches on S. edge, and witnessed by 2 pits, 18x18x12 ins., NW. and SW. of post 5 $\frac{1}{2}$  ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence

West, on true line bet. secs. 1 and 12.

Over level desert.

40.02 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S1 on N., and  
S12 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.; also, deposit glass around post.

80.04 The cor. of secs. 1, 2, 11, and 12.

Land, level alkali desert.

Soil, wet sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

Knowing from previous surveys that corners on the north boundary are defective in position with reference to the subdivisional surveys in this township and that closing corners of T.2 S. will be necessary,

I run

N.0°01'W., on true line bet. secs. 1 and 2.

Over level desert; no vegetation.

Subdivision 22 T22S37R4W6 W.

Chains

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked :

S1 on E., and  
S2 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.66 Intersect N. bdy. of the Tp., 3.01 chs. east of the cor. of secs. 1,2,35, and 36 hereinafter described.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for closing cor. of secs. 1 and 2, marked:

S1 and 1 groove on E.,  
CCT2SR16W and 6 grooves on S., and  
S2 and 5 grooves on W. face.

Dig pits, 18x18x12 ins., E. and W. 3 ft. and S. of post 7 ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

From the cor. of secs. 2,3,34, and 35 on the S. bdy. of the Tp. which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set and marked:

T2SS35 on NE.,  
S2 on SE.,  
T3SS3 on SW., and  
R16WS34 on NW. face, with 2 notches

on E. and 4 notches on W. edge and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post  $5\frac{1}{2}$  ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

N.0°02'W., bet. secs. 34 and 35.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in



Subdivision of T.2S., R.16W.

Chains

the ground for  $\frac{1}{4}$  sec. cor., marked:

S35 on E., and

S34 on V. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor.; also deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

the ground for cor. of secs. 26, 27, 34, and 35, marked:

T2SS26 on NE.,

R16WS35 on SE.,

S34 on SW., and

S27 on NW. face, with 2 notches on E.,

and 1 notch on S. edge; dig pits, 18x18x12 ins. in

each sec.  $5\frac{1}{2}$  ft. distant, and raise a mound of earth,

4 ft. base, 2 ft. high, W. of cor.; also, deposit

glass around post.

Land, level alkali desert.

Soil, wet sandy clay.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 26 and 35.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect the cor. of secs. 25, 26, 35, and 36.

Thence

S.89°59'W., on true line bet. secs. 26 and 35.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

the ground for  $\frac{1}{4}$  sec. cor., marked:

T326 on N. and

S35 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around post.

80.00 The cor. of secs. 26, 27, 34, and 35.

Land, level alkali desert.

Soil, heavy clay; thin crust of salt on surface.

No timber.

Subdivision of T.2 S., R.16 W.

Chains

No undergrowth.

N.0°02'W., bet. secs. 26 and 27.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S26 on E., and  
S27 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 22, 23, 26, and 27, marked:

T2SS23 on NE.,  
R16WS26 on SE.,  
S27 on SW., and  
S22 on NW. face, with 2 notches on E.

and 2 notches on S. edge; dig pits, 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet clay; thin crust of salt on surface.

No timber

No undergrowth.

N.89°59'E., on a random line bet. secs. 23 and 26.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect cor. of secs. 23, 24, 25, and 26.

Thence

S.89°59'W., on true line bet. secs. 23 and 26.

Over level desert.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S23 on N., and  
S26 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

## Subdivision of T.2.S., R.16.W.

Chains

antian

N. of cor.; also, deposit glass around post.

80.00

The cor. of secs. 22, 23, 26, and 27.

Land, level alkali desert.

Soil, heavy wet clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.0°02'W., bet. secs. 22 and 23.

Over level desert; no vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

the ground for  $\frac{1}{4}$  sec. cor., marked

S23 on E., and  
S22 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface.

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

the ground for cor. of secs. 14, 15, 22, and 23, marked:

T2SS14 on NE.,

R16WS23 on SE.,

S22 on SW., and

S15 on NW. face, with 2 notches on E.,

and 3 notches on S. edge; dig pits, 18x18x12 ins., in

each sec. 5 $\frac{1}{2}$  ft. distant, and raise a mound of earth,

4 ft. base, 2 ft. high, W. of cor.; also, deposit

glass around post.

Land, level alkali desert.

Soil, heavy wet clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 14 and 23.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.00

Intersect cor. secs. 13, 14, 23, and 24.

Thence

S.89°59'W., on true line between secs. 14 and 23.

## Subdivision of T.2 S., R.16 W.

## Chains

Over level desert; no vegetation.

- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S14 on N., and  
S23 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface.

- 80.00 The cor. of secs. 14, 15, 22, and 23.

Land, level alkali desert.

Soil, heavy wet clay; thin crust of salt on surface.

No timber.

Undergrowth, none.

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N.0°02'W., bet. secs. 14 and 15.

Over level desert; no vegetation.

- 40.00 Set a fir post, 4 ft. long, 4 ins square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S14 on E., and  
 $\frac{1}{4}$ S15 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around cor.

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 10, 11, 14, and 15, marked:

T2SS11 on NE.,  
R16WS14 on SE.,  
S15 on SW., and  
S10 on NW. face, with 2 notches on E.,

and 4 notches on S. edge; dig pits, 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, heavy, wet clay; thin crust of salt on surface.

No timber.

No undergrowth.

## Subdivision of T.2S.12E.W

| Chains |  | angle |
|--------|--|-------|
|        | N.89°59'E., on a random line bet. secs. 11 and 14.   |       |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.,   | 00.00 |
| 80.00  | Intersect N. and S. line 2 lks. N. of the cor. of secs. 11, 12, 13, and 14.  |       |
|        | Thence   |       |
|        | West, on true line bet. secs. 11 and 14.   |       |
|        | Over level desert; no vegetation.  |       |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked:  |       |
|        | $\frac{1}{4}$ S11 on N., and   |       |
|        | S14 on S. face.  |       |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.; also, deposit glass around post.                         |       |
| 80.00  | The cor. of secs. 10, 11, 14, and 15.  |       |
|        | Land, level alkali desert.   |       |
|        | Soil, heavy, wet clay; thin crust salt on surface.   |       |
|        | No timber.   |       |
|        | No undergrowth.  |       |
|        | N.0°02'W., bet. secs. 10 and 11.   |       |
|        | Over level desert; no vegetation.  |       |
| 40.00  | Set a fir post, 4 ft. long, 4 ins square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked:   |       |
|        | S11 on E., and   |       |
|        | $\frac{1}{4}$ S16 on W. face.  |       |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around post.                         |       |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 2, 3, 10, and 11, marked:   |       |
|        | T2SS2 on NE.,  |       |
|        | R16WS11 on SE.,  |       |
|        | S10 on SW., and  |       |
|        | S3 on NW. face, with 8 notches on E., and 5 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit |       |

## Subdivision of T.2 S., R.16 W.

## Chains

glass around post.

Land, level alkali desert.

Soil, heavy, wet clay; thin crust of salt on surface.

No timber.

No undergrowth.

East, on a random line bet. secs. 2 and 11.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect cor. of secs. 1, 2, 11 and 12.

Thence

West, on true line bet. secs. 2 and 11.

Over level desert; no vegetation.

39.99 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S2 on N., and  
S11 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface.

79.98 The cor. of secs. 2, 3, 10 and 11.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.0°02'W., on true line bet. secs. 2 and 3.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S2 on E., and  
 $\frac{1}{4}$ S3 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.54 Intersect N. bdy. of the Tp., 3.05 chs. east of the cor. of secs. 2, 3, 34, and 35 hereinafter described.

# Continuation of Twp. 22, Range 2E.

## Chains

At point of intersection, from bottom corner of sec. 33, set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 33 and 34, marked:

S2 and 2 grooves on NE. face of CCT2SR16W and 6 grooves on S., and S3 and 4 grooves on E. face.

Dig pits, 18x18x12 ins., E. and W. 3 ft., and S. of post 7 ft. distant; raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

From the cor. of secs. 3, 4, 33, and 34 on the S. bdy. of the Tp., which is a fir post, 4 ins. square, extending 8 ins. above ground, firmly set, and marked:

T2SS34 on NE.,  
S3 on SE.,  
T3SS4 on SW., and  
RL6WS33 on NW. face, with 3 notches on E. and 3 notches on W. edge, and witnessed by 4 pits, 18x18x12 ins., NE., SE., SW., and NW. of post 5 1/2 ft. distant and mound of earth, 4 ft. base, 2 ft. high, W. of cor.

N. 0° 02' W., bet. secs. 33 and 34.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 33 and 34, marked:

S34 on E., and  
S33 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 27, 28, 33, and 34, marked:

T2SS27 on NE.,

Subdivision of T.2S., R.16W.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:  
 80.00 Intersect cor. secs. 26, 27, 34, and 35.  
 Thence  
 S. 89° 59' W., on true line bet. secs. 27 and 34.  
 Over level desert; no vegetation.  
 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:  
 80.00 The cor. of secs. 27, 28, 33, and 34.  
 Land, level alkali desert.  
 Soil, wet, heavy clay; thin crust of salt on surface.  
 No timber.  
 No undergrowth.  
 N. 0° 02' W., bet. secs. 27 and 28.  
 Over level desert; no vegetation.  
 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:



Subdivision of T.2S., R.16W.

|        |   |        |
|--------|---|--------|
| Chains | S27 on E., and<br>S28 on W. face. ✓   | entire |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant<br>and raise a mound of earth, 3½ ft. base, 1½ ft. high,<br>W. of cor.; also, deposit glass around post.  |        |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in<br>the ground for cor. of secs. 21, 22, 27, and 28, marked<br>T2SS22 on NE.,<br>R16WS27 on SE.,<br>S28 on SW., and<br>S21 on NW. face, with 3 notches on<br>E. and 2 notches on S. edge; dig pits, 18x18x12 ins.,<br>in each sec. 5½ ft. distant, and raise a mound of<br>earth, 4 ft. base, 2 ft. high, W. of cor.; also,<br>deposit glass around post.<br>Salt brine 3 ft. under surface.<br>Land, level alkali desert.<br>Soil, wet, heavy clay; thin crust of salt on surface.<br>No timber.<br>No undergrowth. |        |
|        | N. 89° 59' E., on a random line bet. secs. 22 and 27.   |        |
| 40.00  | Set temp. ¼ sec. cor.   |        |
| 80.00  | Intersect cor. secs. 22, 23, 26, and 27.<br>Thence<br>S. 89° 59' W., on true line bet. secs. 22 and 27.<br>Over level desert; no vegetation.  |        |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in<br>the ground for ¼ sec. cor., marked:<br>S22 on N., and<br>S27 on S. face.<br>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant<br>and raise a mound of earth, 3½ ft. base, 1½ ft. high,<br>N. of cor.; also, deposit glass around post.   |        |
| 80.00  | The cor. of secs. 21, 22, 27 and 28.<br>Land, level alkali desert.<br>Soil, wet, heavy clay; thin crust of salt on surface.<br>No timber.<br>No undergrowth.  |        |

Subdivision of T.2 S., R.16 W.

N.0°02'W., bet. secs. 21 and 22.

Over level desert; no vegetation.

- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S22 on E., and  
S21 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 15, 16, 21, and 22, marked:

T28S16 on NE.,  
R16W22 on SE.,  
S21 on SW., and  
S16 on NW. face, with 3 notches on E.,

and 3 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 3 ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post

Salt brine 3 ft. under surface.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 15 and 22.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

- 79.98 Intersect cor. secs. 14, 15, 22, and 23.

Thence

S.89°59'W., on true line bet. secs. 15 and 22.

Over level desert; no vegetation.

- 39.99 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S15 on N., and  
S22 on S. face.

Dig pits, 18x18x12 ins., N. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

## Subdivision of T.2 S., R.16 W.

Chains

79.98

The cor. of secs. 15, 16, 21 and 22.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.0°02'W., bet. secs. 15 and 16.

Over level desert; no vegetation.

40.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:S15 on E., and  
S16 on W. face.Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface.

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 9, 10, 15, and 16, marked:

T2S310 on NE.,  
R16WS15 on SE.,  
S16 on SW., and  
S9 on NW. face, with 3 notches onE., and 4 notches on S. edge; dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Salt brine 2 ft. under surface.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 10 and 15.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

79.98

Intersect N. and S. line 2 1/2 m. N. of the cor. of secs.

10, 11, 14, and 15.

Thence

Subdivision of T.2 S. R.16 W.

Chains

West, on true line bet. secs. 10 and 15.

Over level desert; no vegetation.

39.99 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$ S10 on N., and  
 $\frac{1}{4}$ S15 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

79.98 The cor. of secs. 9, 10, 15, and 16.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.0°02'W., bet. secs. 9 and 10.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S10 on E., and  
 $\frac{1}{4}$ S9 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 3, 4, 9, and 10, marked:

T2883 on NE.,  
R16WS10 on SE.,  
S9 on SW., and

S4 on NW. face, with 3 notches on E.,

and 5 notches on S. edge; dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber

## Subdivision of T. 2 S., R. 14 W.

Chains

No undergrowth.

East, on a random line bet. secs. 3 and 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect cor. secs. 2, 3, 10, and 11.

Thence

West, on true line bet. secs. 3 and 10.

Over level desert; no vegetation.

39.99 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked: $\frac{1}{4}$ S3 on N., and  
 $\frac{1}{4}$ S10 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around post.

79.98 The cor. of secs. 3, 4, 9, and 10.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N. 0° 02' W., on true line bet. secs. 3 and 4.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked: $\frac{1}{4}$ S3 on E., and  
 $\frac{1}{4}$ S4 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor.; also, deposit glass around post.

80.42 Intersect N. bdy. of the Tp., 3.11 chs. E. of the cor. of secs. 3, 4, 33, and 34 hereinafter described.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for closing cor. of secs. 3 and 4, marked

Subdivision of T.2 S., R.16 W.

Chains

S3 and 3 grooves on E.,  
CCT2SR16W and 6 grooves on S., and  
S4 and 2 grooves on W. face.

Dig pits, 18x18x12 ins., E. and W. 3 ft. and S. of post  
7 ft. distant and raise a mound of earth, 4 ft. base,  
2 ft. high, S. of cor.; also, deposit glass around  
post.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

From the cor. of secs. 4, 5, 32, and 33 on the S. bdy. of  
the Tp. which is a fir post, 4 ins. square, extending  
8 ins. above ground, firmly set and marked:

T2SS33 on NE.,

S4 on SE.,

T3SS5 on SW., and

R16WS32 on NW. face, with 4 notches

on E. and 2 notches on W. edge, and witnessed by 4  
pits, 18x18x12 ins., NE., SE., SW., and NW. of post  
5½ ft. distant and mound of earth, 4 ft. base, 2 ft.  
high, W. of cor.

Thence

N.0°03'W., bet. secs. 32 and 33

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for ¼ sec. cor., marked:

S33 on E., and

¼S32 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 28, 29, 32, and 33, marked:

T2SS28 on NE.,

R16WS33 on SE.,

S32 on SW., and

S29 on NW. face, with 4 notches on

E., and 1 notch on S. edge; dig pits, 18x18x12 ins.

in each sec. 5½ ft. distant, and raise a mound of earth

Subdivision of Section 28, 29, 32, and 33.

| Chains |  |
|--------|--|
|        | 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.   |
|        | Land, level alkali desert.   |
|        | Soil, wet, heavy clay; thin crust of salt on surface.  |
|        | No timber.   |
|        | No undergrowth.  |
|        | N.89°59'E., on a random line bet. sec. 28 and 33.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 80.00  | Intersect cor. secs. 27, 28, 33, and 34.   |
|        | Thence   |
|        | S.89°59'W., on true line bet. secs. 28 and 33.   |
|        | Over level desert; no vegetation.  |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked:<br>S28 on N., and<br>S33 on S. face.   |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.; also, deposit glass around post. |
| 80.00  | The cor. of secs. 28, 29, 32, and 33.  |
|        | Land, level alkali desert.   |
|        | Soil, wet, heavy clay; thin crust of salt on surface.  |
|        | No timber.   |
|        | No undergrowth.  |
|        | N.0°03'W., bet. secs. 28 and 29.   |
|        | Over level desert; no vegetation.  |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for $\frac{1}{4}$ sec. cor., marked:<br>S28 on E., and<br>S29 on W. face.   |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around post. |
|        | Salt brine 3 ft. under surface.  |

Subdivision of T. 2 S. R. 16 W.

- Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 20, 21, 28, and 29, marked
- T2SS21 on NE.,  
R16WS28 on SE.,  
S29 on SW., and  
S20 on NW. face, with 4 notches on E., and 2 notches on S. edge; dig pits, 18x18x12 ins. in each sec. 5 1/2 ft. distant; raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.
- Land, level alkali desert.
- Soil, wet, heavy clay; thin crust of salt on surface.
- No timber.
- No undergrowth.
- 
- N. 89° 59' E., on a random line bet. secs. 21 and 28.
- 40.00 Set temp. 1/4 sec. cor.
- 80.00 Intersect cor. secs. 21, 22, 27, and 28.
- Thence
- S. 89° 59' W., on true line bet. secs. 21 and 28.
- Over level desert; no vegetation.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for 1/4 sec. cor., marked:
- 1/4 S21 on N., and  
1/4 S28 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.; also, deposit glass around post.
- Salt brine 2 1/2 ft. under surface.
- 80.00 The cor. of secs. 20, 21, 28, and 29.
- Land, level alkali desert.
- Soil, wet, heavy clay; thin crust of salt on surface.
- No timber.
- No undergrowth.
- 
- N. 0° 03' W., bet. secs. 20 and 21.
- Over level desert; no vegetation.



Chains

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S21 on E., and  
S20 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 16, 17, 20, and 21, marked:

T2SS16 on NE.,  
R16WS21 on SE.,  
S20 on SW., and  
S17 on NW. face, with 4 notches on E. and

3 notches on S. edge; dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. distant, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N. 89° 59' E., on a random line bet. secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect cor. secs. 15, 16, 21, and 22.

Thence

S. 89° 59' W., on true line bet. secs. 16 and 21.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S16 on N., and  
S21 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.00 The cor. of secs. 16, 17, 20, and 21.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

Subdivision of T.2 S., R.16 W.

Chains

No timber.

No undergrowth.

N.0°03'W., bet. secs. 16 and 17.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S16 on E. and  
S17 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 8, 9, 16, and 17, marked:

T2SS9 on NE.,  
R16WS16 on SE.,  
S17 on SW., and  
S8 on NW. face, with 4 notches on E.,

and 4 notches on S. edge; dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. distant; raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 9 and 16.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line at the cor. of secs. 9, 10, 15, and 16.

Thence

S.89°59'W., on true line bet. secs. 9 and 16.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S9 on N., and  
S16 on S. face.

# Subdivision of T2S3E36N.

Chains

80.00

40.00

80.00

admit on  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.; also, deposit glass around post.  
Salt brine 2½ ft. under surface.  
The cor. of secs. 8, 9, 16, and 17.  
Land, level alkali desert.  
Soil, wet, heavy clay; thin crust of salt on surface.  
No timber.  
No undergrowth.  
N. 0° 03' W., bet. secs. 8 and 9.  
Over level desert; no vegetation.  
Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for ¼ sec. cor.; marked:  
S9 on E., and  
S8 on W. face.  
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.; also, deposit glass around post.  
Salt brine 2½ ft. under surface.  
Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 4, 5, 8, and 9, marked:  
T2SS4 on NE.,  
R16 WS9 on SE.,  
S8 on SW., and  
S5 on NW. face, with 4 notches on E., and  
5 notches on S. edge; dig pits, 18x18x12 ins. in each  
sec. 5½ ft. distant; raise a mound of earth, 4 ft. base,  
2 ft. high, W. of cor.; also, deposit glass around  
post.  
Salt brine 3 ft. under surface.  
Land, level alkali desert.  
Soil, wet, heavy clay; thin crust of salt on surface.  
No timber.  
No undergrowth.

Subdivision of T.2 S., R.16 W.

Chains

N.89°59'E., on a random line bet. secs. 4 and 9.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line 2 lks. N. of the cor. of secs.  
3, 4, 9, and 10.

Thence

West, on true line bet. secs. 4 and 9.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S4 on N., and  
S9 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.; also, deposit glass around post.

Salt brine 3 ft. under surface.

80.00 The cor. secs. 4, 5, 8, and 9.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.0°03'W., on true line bet. secs. 4 and 5.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked:

S4 on E., and  
 $\frac{1}{4}$ S8 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

80.30 Intersect N. bdy. of the Tp., 3.13 chs. east of the cor.  
of secs. 4, 5, 32, and 33 hereinafter described.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for closing cor. of secs. 4 and 5, marked:

## Subdivision of T.2S., R.16W.

Chains

anlen3

S4 and 4 grooves on E.,  
 GCT2SR16W and 6 grooves on S. ✓  
 S5 and 2 grooves on W. face.

Dig pits, 18x18x12 ins., E. and W. 3 ft. and S. of post  
 7 ft. distant; raise a mound of earth, 4 ft. base, 2  
 ft. high, S. of cor.; also, deposit glass around  
 post.

Salt brine 3 ft. under surface.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of  
 the Tp. which is a fir post, 4 ins. square, extending  
 8 ins. above ground, firmly set, and marked:

T2SS32 on NE.,  
 S5 on SE.,  
 T3SS6 on SW., and  
 R16WS31 on NW. face, with 5 notches

on E., and 1 notch on W. edge, and witnessed by 4  
 pits, 18x18x12 ins., NE., SE., SW., and NW. of post 5  
 distant and mound of earth, 4 ft. base, 2 ft. high, W.  
 of cor.

N.0°04'W., bet. secs. 31 and 32.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked:

S32 on E., and  
 $\frac{1}{4}$ S31 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
 and raise a mound of earth, 4 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the  
 ground for cor. of secs. 29, 30, 31, and 32, marked

T2SS29 on NE.,  
 R16WS32 on SE.,  
 S31 on SW. and  
 S30 on NW. face, with 5 notches on E.

and 1 notch on S. edge; dig pits, 18x18x12 ins. in

Subdivision of T. 2 S., R. 16 W.

Chains

Install a post each sec. 5 $\frac{1}{2}$  ft. distant; raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N. 89° 59' E., on a random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect cor. secs. 28, 29, 32, and 33.

Thence

S. 89° 59' W., on true line bet. secs. 29 and 32.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S29 on N., and  
S32 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.00 The cor. of secs. 29, 30, 31 and 32.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

S. 89° 59' W., on a random line bet. secs. 30 and 31.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

81.23 Intersect W. bdy. of the Tp. 5 lks. S. of the cor. of secs. 25, 30, 31, and 36, which is a pine post, 4 ins. square, extending 18 ins. above ground, firmly set and dimly marked:

T2S830 on NE.,

R16WS31 on SE.,

S36 on SW., and

R17WS25 on NW. face, with 5 notches

on N., and 1 notch on S. edge, and witnessed by traces

## Subdivision of T.2S., R.2E.

series

Chains

of 4 pits, NE., SE., SW., and NW. of post, 5 $\frac{1}{2}$  ft. distant

Thence

S. 89° 59' E., on true line bet. secs. 30 and 31.

Over level desert; no vegetation.

41.23 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S30 on N., and  
S31 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

Salt brine 2 $\frac{1}{2}$  ft. under surface.

81.23 The cor. of secs. 29, 30, 31, and 32.

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

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N. 0° 04' W., bet. secs. 29 and 30.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked:

S29 on E., and  
 $\frac{1}{4}$ S30 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 19, 20, 29, and 30, marked

T2S20 on NE.,  
R16WS29 on SE.,  
S30 on SW., and  
S19 on NW. face, with 5 notches on E.,

and 1 notch on S. edge; dig pits, 18x18x12 ins. in  
each sec. 5 $\frac{1}{2}$  ft. distant; raise a mound of earth, 4 ft.  
base, 2 ft. high, W. of cor.; also, deposit glass around  
post.

Salt brine 3 ft. under surface.

## Subdivision of T.2 S. R.16 W.

## Chains

Land, level alkali desert.

Soil, wet, heavy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 20 and 29.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect cor. secs. 20, 21, 28, and 29.

Thence

S.89°59'W., on true line bet. secs. 20 and 29.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S20 on N., and  
S29 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around post.

80.00 The cor. of secs. 19, 20, 29, and 30.

Land, level alkali desert.

Soil, heavy, wet, sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'W., on a random line bet. secs. 19 and 30.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

81.12 Intersect W. bdy. of the Tp. 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is the center of a charcoal deposit (cor. post missing) from which traces of pits bears NE., SE., SW., and NW., 5 $\frac{1}{2}$  ft. distant. I deposit a quantity of glass with the charcoal.

Thence

S.89°58'E., on true line bet. secs. 19 and 30.

Over level desert; no vegetation.



Subdivision of T. 2 S. R. 16 W.

| Chains |   |
|--------|---|
| 41.12  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked:</p> <p style="text-align: right;">S19 on N., and<br/>S30 on S. face.</p>  |
|        | <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.; also, deposit glass around post.</p>   |
| 81.12  | <p>The cor. of secs. 19, 20, 29, and 30.</p> <p>Land, level alkali desert.</p> <p>Soil, wet clay; thin crust of salt on surface.</p> <p>No timber.</p> <p>No undergrowth.</p>   |
|        | <p>N. 0° 04' W., bet. secs. 19 and 20.</p> <p>Over level desert; no vegetation.</p>   |
| 40.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked:</p> <p style="text-align: right;">S20 on E., and<br/>S19 on W. face.</p>  |
|        | <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor.; also, deposit glass around post.</p>   |
|        | <p>Salt brine 3 ft. under surface.</p>  |
| 80.00  | <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 17, 18, 19, and 20, marked:</p> <p style="text-align: right;">T2SS17 on NE.,<br/>S16WS20 on SE.,<br/>S19 on SW., and<br/>S18 on NW. face, with 5 notches on E.,</p> |
|        | <p>and 3 notches on S. edge; dig pits, 18x18x12 ins., in each sec. 5<math>\frac{1}{2}</math> ft. distant; raise a mound of earth, 4 ft. base; 2 ft. high, W. of cor.; also, deposit glass around post.</p>  |
|        | <p>Salt brine 3 ft. under surface.</p>  |
|        | <p>Land, level alkali desert.</p>   |
|        | <p>Soil, wet, heavy clay; thin crust of salt on surface.</p>  |
|        | <p>No timber.</p>   |
|        | <p>No undergrowth.</p>  |

## Subdivision of T.2 S., R.16 W.

## Chains

- chain. N.89°59'E., on a random line bet. secs. 17 and 20.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect cor. secs. 16, 17, 20, and 21.
- Thence
- S.89°59'W., on true line bet. secs. 17 and 20.
- Over level desert; no vegetation.
- 40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:
- $\frac{1}{4}$ S17 on N., and  
S20 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around cor.
- 80.00 The cor. of secs. 17, 18, 19, and 20.
- Land, level alkali desert.
- Soil, wet, heavy clay; thin crust of salt on surface.
- No timber.
- No undergrowth.
- 
- N.89°58'W., on a random line bet. secs. 18 and 19.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 81.04 Intersect W. bdy. of the Tp. 2 lks. S. of the cor. of secs. 13, 18, 19, and 24 which is the center of a charcoal deposit (cor. post missing) from which traces of pits bear NE., SE., SW., and NW. 5 $\frac{1}{2}$  ft. distant.
- I deposit a quantity of glass with the charcoal.
- Thence
- S.89°57'E., on true line bet. secs. 18 and 19.
- Over level desert; no vegetation.
- 41.04 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:
- $\frac{1}{4}$ S18 on N., and  
S19 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

Subdivision of T. 2 S., R. 18 W.

| Chains |   | anland                  |
|--------|---|-------------------------|
|        | and raise a mound of earth, 3½ ft. base, 1½ ft. high,<br>N. of cor.; also, deposit glass around post.   | 00.00                   |
| 81.04  | The cor. of secs. 17, 18, 19, and 20.<br>Land, level alkali desert.<br>Soil, heavy, wet clay; thin crust of salt on surface.<br>No timber.<br>No undergrowth.   | 00.00<br>00.00<br>00.00 |
|        | N. 0° 04' W., bet. secs. 17 and 18.<br>Over level desert; no vegetation.  |                         |
| 40.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in<br>the ground for ¼ sec. cor., marked:<br>S17 on E., and<br>¼ S18 on W. face.   |                         |
|        | Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant<br>and raise a mound of earth, 3½ ft. base, 1½ ft. high,<br>W. of cor.; also, deposit glass around post.  |                         |
| 80.00  | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in<br>the ground for cor. of secs. 7, 8, 17, and 18, marked:<br>T2SS8 on NE.,<br>R16WS17 on SE.,<br>S18 on SW., and<br>S7 on NW. face, with 5 notches on E.<br>and 4 notches on S. edge; dig pits, 18x18x12 ins. in<br>each sec. 5½ ft. distant; raise a mound of earth, 4<br>ft. base, 2 ft. high, W. of cor.; also, deposit glass<br>around post.<br>Land, level alkali desert.<br>Soil, sandy clay; thin crust of salt on surface.<br>No timber.<br>No undergrowth. |                         |
|        | N. 89° 59' E., on a random line bet. secs. 8 and 17.  |                         |
| 40.00  | Set temp. ¼ sec. cor.   |                         |
| 79.98  | Intersect cor. secs. 8, 9, 16, and 17.<br>Thence<br>S. 89° 59' W., on true line bet. secs. 8 and 17.<br>Over level desert; no vegetation.   |                         |

Subdivision of T.2 S., R.16 W.

Chains

39.99

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S8 on N., and  
S17 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

79.98

The cor. of secs. 7, 8, 17, and 18.

Land, level alkali desert.

Soil, sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.  $89^{\circ}57'W.$ , on a random line bet. secs. 7 and 18.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.93

Intersect W. bdy. of the Tp. at the cor. of secs. 7, 12, 13, and 18, which is a pine post, 4 ins. square, extending 12 ins. above ground firmly set, dimly marked:

T2SS7 on NE.,  
R16WS18 on SE.,  
S13 on SW., and  
R17WS12 on NW. face, with 2 notches on

N., and 4 notches on S. edge, and witnessed by traces of 4 pits, NE., SE., SW., and NW. of post  $5\frac{1}{2}$  ft. distant.

Thence

S.  $89^{\circ}57'E.$ , on true line bet. secs. 7 and 18.

Over level desert; no vegetation.

40.93

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S7 on N., and  
S18 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.93

The cor. of secs. 7, 8, 17, and 18.

Land, level alkali desert.

Soil, sandy clay; thin crust of salt on surface.

No timber.

Subdivision of T.2 S., R.16 W.

Chains

series 10

No undergrowth.

N.0°04'W., bet. secs. 7 and 8.

Over level desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S8 on E., and  
S7 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for cor. of secs. 5, 6, 7, and 8, marked:

T2SS5 on NE.,  
R16WS8 on SE.,  
S7 on SW., and  
S6 on NW. face, with 5 notches on

E., and 5 notches on S. edge; dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. distant; raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

N.89°59'E., on a random line bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect cor. secs. 4, 5, 8, and 9.

Thence

S.89°59'W., on true line bet. secs. 5 and 8.

Over level desert; no vegetation.

39.98 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S5 on N., and  
S8 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high.

## Subdivision of T.2 S., R.16 W.

## Chains

N. of cor.; also, deposit glass around post.

79.96 The cor. of secs. 5, 6, 7, and 8.

Land, level alkali desert.

Soil, sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

---

N.89°57'W., on a random line bet. secs. 6 and 7.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.83 Intersect W. bdy. of the Tp. at the cor. of secs. 1, 6, 7, and 12, which is a pine post, 4 ins. square, extending 12 ins. above ground and firmly set. Marks on post are not legible owing to the action of the salt brine and wind on post. Cor. witnessed by traces of pits, NE., SE., SW., and NW.,  $5\frac{1}{2}$  ft. distant.

Thence

S.89°57'E., on true line bet. secs. 6 and 7.

Over level desert; no vegetation.

40.83 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

$\frac{1}{4}$ S6 on N., and  
S7 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around post.

80.83 The cor. of secs. 5, 6, 7, and 8.

Land, level alkali desert.

Soil, sandy clay; thin crust of salt on surface.

No timber.

No undergrowth.

---

N.0°04'W., on true line bet. secs. 5 and 6.

Over level alkali desert; no vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked:

S5 on east and  
 $\frac{1}{4}$ S6 on west face.

# Subdivision of T. 2 S., R. 16 W.

Chains

80.17

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. distant and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.; also, deposit glass around post.  
Intersect N. bdy. of the Tp., 3.20 chs. east of the cor. of secs. 5, 6, 31, and 32 hereinafter described.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for closing cor. of secs. 5 and 6, marked S5 and 5 grooves on E., COT2SR16W and 6 grooves on S., and S6 and 1 groove on W. face.

Dig pits, 18x18x12 ins., E. and W. 3 ft. and S. of post 7 ft. distant; raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.; also, deposit glass around post.  
Land, level alkali desert.

Soil, sandy clay.

No timber.

No undergrowth.

## ESTABLISHMENT OF QUARTER-SECTION CORNERS BETWEEN CLOSING CORNERS, NORTH BOUNDARY T. 2 S., R. 16 W.

From the cor. of T. 1 S., Rs. 15 and 16 W., which is a fir post, 4 ins. square, extending 8 ins. above ground firmly set, and marked:

T1SR15WS31 on NE., and T1SR16WS36 on NW., face, with 6 notches on N., E., and W. edges and witnessed by 2 pits, 24x24x12 ins., NE. and NW. of post 5½ ft. distant and mound of earth, 4 ft. base, 2 ft. high, N. of cor.

West, along S. bdy. sec. 36, T. 1 S., R. 16 W.

36.95½ Point midway bet. the closing cor. of T. 2 S., Rs. 15 and 16 W., and the closing cor. of secs. 1 and 2, T. 2 S., R. 16 W.,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for closing cor. N. bdy. sec. 1, marked:

Establishment of quarter-section corners between closing corners, North Boundary T 2 S., R. 16 W.

Chains

- ... 1/4 S1 on S. face.
- Big pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.; also, deposit glass around post.
- 40.00 The original 1/4 sec. cor. which is a glass deposit, witnessed by traces of pits, E. and W. of cor. 3 ft. distant.
- In E. pit is a 2x2 in. pine stake but marks on same are not legible.
- 76.99 The closing cor. of secs. 1 and 2, T. 2 S., R. 16 W., heretofore described.
- 80.00 The original cor. of secs. 1, 2, 35, and 36 which is a glass deposit, witnessed by 4 pits (now filled), NE., SE., SW., and NW. of cor. 5 1/2 ft. distant.
- In SE. pit is a 2x2 in. pine stake but marks on same are not legible.
- 
- From the original cor. of secs. 1, 2, 35, and 36 which now refers to secs. 35 and 36, T. 1 S., R. 16 W. only.
- West, along S. bdy. sec. 35, T. 1 S., R. 16 W.
- 36.97 Point midway bet. the closing cor. of secs. 1 and 2 and the closing cor. of secs. 2 and 3, T. 2 S., R. 16 W.
- Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for 1/4 sec. cor. N. bdy. sec. 2, T. 2 S., R. 16 W., marked:
- ... 1/4 S2 on N. face.
- Big pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.; also, deposit glass around post.
- 40.00 The original 1/4 sec. cor. which is a glass deposit, witnessed by traces of pits, E. and W. of cor. 3 ft. distant.
- In E. pit is a pine stake, 2 x2 ins.; marks on same are not legible.
- 76.99 The closing cor. of secs. 2 and 3, T. 2 S., R. 16 W., heretofore described.



Establishment of quarter-section corners between closing corners, North Boundary T.2 S., R.16 W. and Sec. 34

Chains

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80.00 The original cor. of secs. 2,3,34, and 35 which is a glass deposit, witnessed by 4 pits (now filled), NE. SE., SW., and NW. of cor.  $5\frac{1}{2}$  ft. distant.

In SE. pit is a 2x2 in. pine stake but marks on same are not legible.

From the original cor. of secs. 2,3,34, and 35 which now refers to secs. 34 and 35, T.1 S., R.16 W. only.

West, along S. bdy. sec. 34, T.1 S., R.16 W.

36.92 Point midway bet. the closing cor. of secs. 2 and 3 and the closing cor. of secs. 3 and 4, T.2 S., R.16 W. Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor. N. bdy. sec. 3, T.2 S., R.16 W., marked:

$\frac{1}{4}$  S3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.; also, deposit glass around post.

40.00 The original  $\frac{1}{4}$  sec. cor. which is a glass deposit witnessed by traces of pits, E. and W. of cor. 3 ft. distant.

In E. pit is a 2x2 in. pine stake but marks on same are not legible.

76.89 The closing cor. of secs. 3 and 4, T.2 S., R.16 W., heretofore described.

80.00 The original cor. of secs. 3,4,33, and 34 which is a glass deposit, witnessed by 4 pits (now filled), NE. SE., SW., and NW. of cor.  $5\frac{1}{2}$  ft. distant.

In SE. pit is a 2x2 in. pine stake but marks on same are not legible.

From the original cor. of secs. 3,4,33, and 34 which now refers to secs. 33 and 34, T.1 S., R.16 W. only.

West, along S. bdy. sec. 33, T.1 S., R.16 W.

36.88 Point midway bet. the closing cor. of secs. 3 and 4 and the closing cor. of secs. 4 and 5, T.2 S., R.16 W.

Establishment of quarter-section corners between closing  
N. & E. Corners, North Boundary of T.2 S., R.16 W.

Chains

- Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor. N. bdy. sec. 4, T.2 S., R.16 W., marked:  
 $\frac{1}{4}$ S4 on S. face.
  - Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.; also, deposit glass around base post.
  - 46.00 The original  $\frac{1}{4}$  sec. cor. which is a glass deposit, witnessed by traces of pits, E. and W. of cor. 3 ft. distant.  
In E. pit is a 2x2 in. pine stake but marks on same are not legible.
  - 76.87 The closing cor. of secs. 4 and 5, T.2 S., R.16 W., heretofore described.
  - 80.00 The original cor. of secs. 4, 5, 32 and 33 which is a glass deposit, witnessed by 4 pits (now filled), NE., SE., SW., and NW. of cor.  $5\frac{1}{2}$  ft. distant.  
In SE. pit is a 2x2 in. pine stake but marks on same are not legible.
- 
- From the original cor. of secs. 4, 5, 32, and 33 which now refers to secs. 32 and 33, T.1 S., R.16 W. only. West, along S. bdy. sec. 32.
- 36.83 $\frac{1}{2}$  Point midway bet. the closing cor. of secs. 4 and 5 and the closing cor. of secs. 5 and 6, T.2 S., R.16 W.  
Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for  $\frac{1}{4}$  sec. cor. N. bdy. sec. 5, T.2 S., R.16 W., marked:  
 $\frac{1}{4}$ S5 on S. face.
  - Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.; also, deposit glass around post.
  - 40.00 The original  $\frac{1}{4}$  sec. cor. which is a glass deposit; witnessed by traces of pits, E. and W. of cor. 3 ft. distant.

| Chains |  |
|--------|--|
|        | In E. pit is a 2x2 in. pine stake but marks on same are not legible.   |
| 76.80  | The closing cor. of secs. 5 and 6, T.2 S., R.16 W., here before described.   |
| 80.00  | The original cor. of secs. 5, 6, 31 and 32 which is a glass deposit, witnessed by 4 pits (now filled), NE., SE., SW. and NW. of cor. 5 1/2 ft. distant.            |
|        | In SE. pit is a 2x2 in. pine stake but marks on same are not legible.  |
|        | From the original cor. of secs. 5, 6, 31 and 32 which now refers to secs. 31 and 32, T.1 S., R.16 W. only.   |
|        | West, along S. bdy. sec. 31, T.1 S., R.16 W.   |
| 36.80  | Westing of 40.00 chs. from the closing cor. of secs. 5 and 6, T.2 S., R.16 W.  |
|        | Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground for 1/4 sec. cor. N. bdy. sec. 6, T.2 S., R.16 W., marked:  |
|        | 1/4 S6 on S. face.   |
|        | Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.; also, deposit glass around post. |
| 40.00  | The original 1/4 sec. cor. which is a glass deposit, witnessed by traces of pits E. and W. of cor. 3 ft. distant.  |
|        | In E. pit is a 2x2 in. pine stake but marks on same are not legible.   |
|        | For table of latitudes and departures see book "H" Group 164, Utah.  |
|        | The original 1/4 sec. cor. which is a glass deposit, witnessed by traces of pits E. and W. of cor. 3 ft. distant.  |
|        | In E. pit is a 2x2 in. pine stake but marks on same are not legible.   |

## General Description.

This township consists of a vast level tract of land situated on the Great Salt Lake Desert, and is entirely destitute of any vegetation.

The soil is a heavy sandy clay saturated with minerals and is very sticky and wet in places, and the surface is generally covered with a thin crust of salt or crystalized gypsum ranging from one-half inch to one inch in thickness. A heavy brine is found 2 to 3 ft. under the surface.

There are no settlers or any improvements in the township.

No magnetic declination was taken on account of a defective needle.

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FROM: AIRC STATE EXTRA 50 STAGNATES

BOOK A-489

4-680

(August, 1928)

**FIELD ASSISTANTS.**

6-2764

BOOK A 489  
Cadastral Engineer  
CERTIFICATE OF UNITED STATES SURVEYORS.

I, Andrew Nelson, U. S. ~~Surveyor~~ <sup>Cadastral Engineer</sup>, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 13th day of October, 1927, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision and establishment of quarter-section corners between closing corners on the North Boundary of T.2 S., R.16 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at:  
Salt Lake City, Utah,  
January 10, 1929.

Andrew Nelson  
U.S. Cadastral Engineer, ~~Surveyor~~

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,  
Denver, Colorado, MAR 12, 1929

The foregoing field notes of the survey of the subdivision and establishment of quarter-section corners between closing corners on the North Boundary of T.2 S., R.16 W., S.L.B. & M., Utah.

executed by Andrew Nelson, U. S. Cadastral Engineer.

under his special instructions dated October 13, 1927, having critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Walter H. Brown  
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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**Page**

"A"

4-679

BOOK A-489

# FIELD NOTES

OF THE SURVEY OF THE

SOUTH AND EAST BOUNDARIES, AND SUBDIVISION

OF

T. 31 S., R. 1 E.

Of the Salt Lake Base and Meridian,

the State of Utah

EXECUTED BY

Elliot Bird

in the capacity of U. S. Surveyor, under instructions dated August 21, 1928,

issued by the United States Surveyor General to govern surveys included in

map No. 209, which were approved by the Commissioner of the General Land

Office, August 31, 1928. Assignment instructions dated

September 24, 1928.

Survey commenced October 16, 1928.

Survey completed November 25, 1928.

# INDEX. DIAGRAM.

Township 31 South, Range 1 East

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 6  | 97 | 5  | 76 | 4  | 62 | 3  | 49 | 2  | 36 | 1  |
| 96 |    | 95 |    | 75 |    | 61 |    | 47 |    | 34 |
| 7  | 94 | 8  | 74 | 9  | 60 | 10 | 46 | 11 | 33 | 12 |
| 92 |    | 91 |    | 73 |    | 59 |    | 45 |    | 32 |
| 18 | 90 | 17 | 71 | 16 | 58 | 15 | 44 | 14 | 31 | 13 |
| 89 |    | 88 |    | 70 |    | 56 |    | 43 |    | 30 |
| 19 | 86 | 20 | 69 | 21 | 55 | 22 | 42 | 23 | 28 | 24 |
| 84 |    | 83 |    | 68 |    | 54 |    | 41 |    | 27 |
| 30 | 82 | 29 | 67 | 28 | 53 | 27 | 40 | 26 | 25 | 25 |
| 80 |    | 79 |    | 66 |    | 52 |    | 39 |    | 25 |
| 31 | 77 | 32 | 64 | 33 | 50 | 34 | 37 | 35 | 24 | 36 |
| 5  |    | 7  |    | 9  |    | 10 |    | 12 |    | 13 |

## DATE DIAGRAM.

|                |                |               |                |                |                |
|----------------|----------------|---------------|----------------|----------------|----------------|
| 6<br>10-24-28  | 5<br>11-2-28   | 4<br>11-21-28 | 3<br>11-24-28  | 2<br>11-24-28  | 1<br>11-22-28  |
| 7<br>10-23-28  | 8<br>10-30-28  | 9<br>11-21-28 | 10<br>11-23-28 | 11<br>11-23-28 | 12<br>11-22-28 |
| 18<br>10-23-28 | 17<br>10-29-28 | 16<br>11-7-28 | 15<br>11-20-28 | 14<br>11-20-28 | 13<br>11-20-28 |
| 19<br>10-20-28 | 20<br>10-27-28 | 21<br>11-6-28 | 22<br>11-19-28 | 23<br>11-19-28 | 24<br>11-19-28 |
| 30<br>10-19-28 | 29<br>10-26-28 | 28<br>11-5-28 | 27<br>11-5-28  | 26<br>11-16-28 | 25<br>11-16-28 |
| 31<br>10-18-28 | 32<br>10-25-28 | 33<br>11-3-28 | 34<br>11-7-28  | 35<br>11-9-28  | 36<br>11-9-28  |

All lines surveyed by Elliot Bird, U.S. Surveyor, on  
dates shown on above date diagram.

## DESCRIPTION AND TESTS OF INSTRUMENTS.

Survey commenced October 16, 1928, and executed with Buff and Buff new improved solar transit No. 18003. The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, in assignment instructions dated September 24, 1928.

I examine the adjustments of the instrument and correct all errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris I proceed as follows.

October 17, 1928: At my camp located at the cor. secs. 14, 15, 22, and 23, T. 31 S., R. 1 E., Salt Lake Base And Meridian, Utah; in latitude  $38^{\circ}06'30''$  N., longitude  $111^{\circ}49'$  W., at 5h 50.2m<sup>a.m.</sup> local mean time, I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tally pin, driven firmly in the ground, 10 chains N.

Azimuth of Polaris at western elongation  $1^{\circ}22'20''$ .

I lay off the azimuth of Polaris;  $1^{\circ}22'30''$  to the east, and mark the meridian thus determined by a tally pin driven firmly in the ground, about 10 chains N.

October 18th; at 5h 30m a.m. apparent time, I set off  $38^{\circ}06'30''$  N., on the latitude arc;  $9^{\circ}39'30''$  S., on the declination arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, I make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously, the transit of the sun's east limb and the altitude of the sun's lower limb.

|        |                                |                |
|--------|--------------------------------|----------------|
| I .001 | Mean observed altitude         | 42° 10' 00"    |
|        | Reduced latitude               | 38° 06' 30" N. |
| Y 001  | Mean watch time of observation | 11h 45m 00s    |
|        | Watch slow local mean time     | 0h 00m 10s     |

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 9°43'30" S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the latitude arc unchanged, I set off 9°46' S., on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observations made on Polaris.

Near the completion of the survey of this township, I make a final test of the instrument as follows.

November 24, 1928: At the same station as heretofore described, at 8h 30m a.m. apparent time, I set off 38°06'30" N., on the latitude arc; 20°33' S., on the declination arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 20°36' S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the latitude arc unchanged, I set off 20°36' S., on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

As all the solar observations made during the usual hours

of solar work, come within 1' of the true meridian, I conclude that the instrument is still in satisfactory adjustment.

### MEASUREMENTS.

Unless otherwise specified, all measurements are made with a Lallie steel tape, 8 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

### METHOD AND ORDER OF PROCEDURE.

The survey of T. 31 S., R. 1 E., consists of the survey of the south and east boundaries and subdivision.

The Salt Lake Meridian forms the west boundary of this township, and was surveyed by J.C. Thoma, U.S. Surveyor in 1915, under group 24, Utah. This boundary was run north from the cor. Ts. 31 and 32 S., R. 1 E., a distance of 503.84 chs. to an intersection with the Sixth Standard Parallel South at a point East, 13.87 chs. dist. from the standard cor. T. 30 S., R. 1 E. and R. 1 W. The fractional distance of this boundary was placed in the northern half mile.

The Sixth Standard Parallel South forms the north boundary of the township and was surveyed by Scott P. Stewart, U.S. Surveyor, in 1915, under group 27, Utah. This standard parallel was run west from the standard cor. T. 30 S., Rs. 1 and 2 E. to an intersection with the 125th mile post of the Powell National Forest Reserve Boundary which is on the Salt Lake Meridian.

The south boundary of the township, was run east from the cor. Ts. 31 and 32 S., R. 1 E., a distance of 477.73 chs., where the cor. Ts. 31 and 32 S., Rs. 1 and 2 E. is set. The fractional distance of the boundary, was placed in the west half mile.

The east boundary of the township, was run north from the cor. Ts. 31 and 32 S., Rs. 1 and 2 E., a distance of 503.50 chs. to an intersection with the Sixth Standard Parallel South, where the closing cor. T. 31 S., Rs. 1 and 2 E. is set. The fractional distance of this boundary is placed in the north half mile.

The township was subdivided from the south to the north and from the east to the west, the fractional distances being placed against the west boundary of the township and the Sixth Standard Parallel South.

#### SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.

From the original cor. Ts. 31 and 32 S., R. 1 E., on the Salt Lake Meridian, which is an iron post, 3 ins. diam., firmly set, extending 9 ins. above the ground, with brass cap marked:

T31S  
R1E  
S31  
S6  
T32S  
1915

From which:

An aspen, 6 ins. diam., bears N.  $18^{\circ}$  E., 234 lks. dist., plainly marked T31S R1E S31 BT.

I mark an additional bearing tree to cor. as follows.

An aspen, 5 ins. diam., bears S.  $87^{\circ}$  E., 105 lks. dist., marked T32S R1E S6 BT.

Thence:

East, bet. secs. 6 and 31.



SURVEY OF THE SOUTH BOUNDARY, T17N31 S., R. 1 E.

| Chains |   |
|--------|---|
|        | Over rolling mountainous land through dense shrub and under growth of sagebrush and dense aspen and spruce timber.    |
|        | Descend gradual E. slope.   |
| 5.00   | Small swale, 10 ft. below cor., drains S.; ascend gradual SW. slope.  |
| 9.00   | Aspen timber becomes more dense; bears N. and S.  |
| 23.50  | Rolling top of ridge, 30 ft. above swale, bears NW. and SE.; descend gradual NE. slope.                               |
| 26.30  | Descent becomes abrupt, bears NW. and SE.   |
| 27.80  | Descent becomes gradual, bears NW. and SE.  |
| 36.80  | Leave timber, bears NE. and SE.   |
| 37.73  | Allowing for convergency.   |
|        | Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked: |
|        | $\begin{array}{r} S31 \\ \frac{1}{4} \\ S6 \\ 1928 \end{array}$   |
|        | From which:   |
|        | An aspen, 10 ins. diam., bears S. $83^{\circ}45'$ W., 175 lks. dist., marked $\frac{1}{4}$ S6 BT.                     |
|        | An aspen, 8 ins. diam., bears N. $62^{\circ}$ W., 105 lks. dist., marked $\frac{1}{4}$ S31 BT.                        |
|        | Cor. set on gradual E. slope, 75 ft. below ridge at the E. edge of timber.  |
| 43.70  | Bottom of open draw, 25 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend gradual W. slope.                    |
| 49.70  | Enter dense aspen and scattered spruce timber, bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E.                        |
| 57.50  | Leave timber, bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E.; thence across grassy opening.                          |
| 61.00  | Leave opening and enter dense aspen timber, bears N. and S.   |
| 73.10  | Top of rocky knoll on spur, 360 ft. above draw, projects S. $20^{\circ}$ W.; descend gradual SE. slope.               |
| 77.73  | Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the  |

U. S. GEOLOGICAL SURVEY  
 SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.

Chains

ground, for the cor. secs. 5, 6, 31, and 32, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S31  | S32 |

|      |    |
|------|----|
| 86   | 85 |
| T32S |    |

1928

From which:

An aspen, 6 ins. diam., bears N.  $55^{\circ}30'$  E., 8 lks. dist., marked T31S R1E S32 BT.

An aspen, 5 ins. diam., bears S.  $70^{\circ}30'$  E.,  $14\frac{1}{2}$  lks. dist., marked T32S R1E S5 BT.

An aspen, 5 ins. diam., bears S.  $89^{\circ}$  W., 4 lks. dist., marked T32S R1E S6 BT.

An aspen 5 ins. diam., bears N.  $30^{\circ}30'$  W., 43 lks. dist., marked T31S R1E S31 BT.

Cor. set on gradual SE. slope in dense aspen timber, 30 ft. below top of ridge.

Land, rolling and mountainous with a general easterly and westerly exposure and drainage.

Soil, shallow rocky clay and gravel; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, dense aspen and scattered spruce on portions of mile.

Fair grazing land.

East, bet. secs. 5 and 32.

Over rolling mountainous land through dense aspen timber and dense short undergrowth of sagebrush.

1.50 Leave timber, bears N.  $75^{\circ}$  E. and SW.; thence along S. edge of timber.

20.00 Rolling top of ridge, 30 ft. high, bears NW. and SE.; thence ascend gradual W. slope.

# SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.

Chains

- 33.50 Enter grove of dense aspen timber, bears N. and S.
- 37.80 Leave aspen grove, bears N. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and 22 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked:

$$\begin{array}{r} 832 \\ \frac{1}{4} \\ \hline 85 \\ 1928 \end{array}$$

From which:

An aspen, 8 ins. diam., bears S.  $78^{\circ}30'$  W., 148 lks. dist., marked  $\frac{1}{4}$  S5 BT.

An aspen, 6 ins. diam., bears N.  $51^{\circ}$  W., 228 lks. dist., marked  $\frac{1}{4}$  S32 BT.

Cor. set on gradual W. slope, 40 ft. above sec. cor.

44.20 Rolling top of spur, 10 ft. above the  $\frac{1}{4}$  sec. cor., projects NW.; descend gradually along rolling W. slope.

53.90 Small draw, 15 ft. deep, 100 lks. wide, drains N.

63.30 The N. point of aspen grove, bears S., 50 lks. dist.

74.00 Bottom of swale, 20 ft. below spur, drains N.; ascend gradual NW. slope.

76.40 Enter dense aspen timber, bears N.  $15^{\circ}$  E. and S.  $15^{\circ}$  W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 4, 5, 32, and 33, with brass cap marked:

$$\begin{array}{r|l} T318 & R1E \\ \hline 832 & S33 \\ \hline 85 & S4 \\ T328 & \\ \hline 1928 & \end{array}$$

From which:

An aspen, 8 ins. diam., bears N.  $72^{\circ}$  E., 59 lks. dist., marked T318 R1E S33 BT.

An aspen, 8 ins. diam., bears S.  $84^{\circ}$  E., 11 lks. dist., marked T328 R1E S4 BT.

An aspen, 12 ins. diam., bears S.  $60^{\circ}$  W., 28 lks. dist., marked T328 R1E S5 BT.

SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.  
 1/2 1/4 3/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024 1/2048 1/4096 1/8192 1/16384 1/32768 1/65536 1/131072 1/262144 1/524288 1/1048576 1/2097152 1/4194304 1/8388608 1/16777216 1/33554432 1/67108864 1/134217728 1/268435456 1/536870912 1/1073741824 1/2147483648 1/4294967296 1/8589934592 1/17179869184 1/34359738368 1/68719476736 1/137438953472 1/274877906944 1/549755813888 1/1099511627776 1/2199023255552 1/4398046511104 1/8796093022208 1/17592186044416 1/35184372088832 1/70368744177664 1/140737488355328 1/281474976710656 1/562949953421312 1/1125899906842624 1/2251799813685248 1/4503599627370496 1/9007199254740992 1/18014398509481984 1/36028797018963968 1/72057594037927936 1/144115188075855872 1/288230376151711744 1/576460752303423488 1/1152921504606846976 1/2305843009213693952 1/4611686018427387904 1/9223372036854775808 1/18446744073709551616 1/36893488147419103232 1/73786976294838206464 1/147573952589676412928 1/295147905179352825856 1/590295810358705651712 1/1180591620717411303424 1/2361183241434822606848 1/4722366482869645213696 1/9444732965739290427392 1/18889465931478580854784 1/37778931862957161709568 1/75557863725914323419136 1/151115727451828646838272 1/302231454903657293676544 1/604462909807314587353088 1/1208925819614629174706176 1/2417851639229258349412352 1/4835703278458516698824704 1/9671406556917033397649408 1/19342813113834066795298816 1/38685626227668133590597632 1/77371252455336267181195264 1/154742504910672534362390528 1/309485009821345068724781056 1/618970019642690137449562112 1/1237940039285380274899124224 1/2475880078570760549798248448 1/4951760157141521099596496896 1/9903520314283042199192993792 1/19807040628566084398385987584 1/39614081257132168796771975168 1/79228162514264337593543950336 1/158456325028528675187087900672 1/316912650057057350374175801344 1/633825300114114700748351602688 1/1267650600228229401496703205376 1/2535301200456458802993406410752 1/5070602400912917605986812821504 1/10141204801825835211973625643008 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1/680564733841876926926749214863536422912 1/1361129467683753853853498429727072845824 1/2722258935367507707706996859454145691648 1/5444517870735015415413993718908291383296 1/10889035741470030830827987437816582766592 1/21778071482940061661655974875633165533184 1/43556142965880123323311949751266331066368 1/87112285931760246646623899502532662132736 1/174224571863520493293247799005065324265472 1/348449143727040986586495598010130648530944 1/696898287454081973172991196020261297061888 1/1393796574908163946345982392040522594123776 1/2787593149816327892691964784081045188247552 1/5575186299632655785383929568162090376495104 1/11150372599265311570767859136324180752990208 1/22300745198530623141535718272648361505980416 1/44601490397061246283071436545296723011960832 1/89202980794122492566142873090593446023921664 1/178405961588244985132285746181186892047843328 1/356811923176489970264571492362373784095686656 1/713623846352979940529142984724747568191373312 1/1427247692705959881058285969449495136382746624 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\* \* \* \* \*  
 SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.

80.00 Set an iron post, 3 ft. long, 2 in. diam., 22 ins. in the ground to solid rock and 18 ins. in a mound of stone for cor. secs. 3, 4, 33, and 34, with brass cap marked

|      |     |
|------|-----|
| T318 | R1E |
| S33  | S34 |
| 34   | 33  |
| T328 |     |

1928

Deposit: a trachyte, 10 x 10 x 8 in., at base of post, marked with a cross (X).

Cor. set on gradual N. slope of rolling bench land, 20 ft. below spur.

Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, rocky, gravelly clay loam; 3rd-rate. Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, scattered groves of dense aspen and spruce.

Fair grazing land.

---

East, bet. secs. 3 and 34.

Descend gradually over rolling N. slope of rolling mountainous land through dense short undergrowth of sagebrush.

8.00 The N. edge of grove of dense aspen timber, bears S., 50 lbs. dist.

27.00 Bottom of swale near head, 20 ft. below cor., drains NW. ascend gradual NW. slope.

12.20 The S. edge of small aspen grove, 150 lbs. diam.

40.00 Set an iron post, 3 ft. long, 2 in. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.

|     |
|-----|
| S34 |
| 1/4 |
| S3  |

1928

From which:

An aspen, 8 ins. diam., bears N.  $58^{\circ}30'$  E., 101 lks. dist., marked S34 BT.

No other suitable accessories available.

Cor. set at the NW. side of rolling top of ridge, bears NE. and SW., 45 ft. above swale, and at the SW. edge of a small clump of aspen.

Thence over rolling top of ridge.

76.00 Leave rolling top of ridge, bears NE. and SW.; descend gradual SE. slope.

77.80 Dim wagon road, bears N. to Antelope Springs and S., 3.00 chs. dist. to Hay Lake. Hay Lake is a small circular basin, area about  $2\frac{1}{2}$  acres, which contains water only during the early summer months.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone, for cor. secs. 2, 3, 34, and 35, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S34  | S35 |

|      |    |
|------|----|
| S3   | S2 |
| T32S |    |

1928

Deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

Cor. set on gradual SE. slope, 15 ft. below ridge and 3.00 chs. N. of the N. edge of Hay Lake.

Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, rocky and gravelly clay loam; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, scattered clumps of dense aspen on each side of line.

Fair grazing land.

12

SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.

Chains

East, bet. secs. 2 and 35.

Descend gradual SE. slope of rolling mountainous land through dense short undergrowth of sagebrush.

17.00 Bottom of small swale, 20 ft. below cor., drains NE.; continue gradual descent.

21.70 Dim road, bears N. 79° E. to Big Lake and S. 70° W. to Hay Lake.

27.00 Wash, 20 lks. wide, 2 ft. deep, in bottom of swale, 30 ft. below cor., drains N.; ascend gradual W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |
|---------------|
| S35           |
| $\frac{1}{4}$ |
| S2            |
| 1925          |

From which:

An aspen, 8 ins. diam., bears N. 70°30' E., 23 lks. dist., marked  $\frac{1}{4}$  S35 BT.

An aspen, 10 ins. diam., bears S. 29° E., 70 lks. dist., marked  $\frac{1}{4}$  S2 BT.

Cor. set on gradual W. slope, 30 ft. above swale, at the W. edge of dense aspen and spruce timber, bears N. and S. Thence continue gradual ascent through dense timber.

78.50 Leave timber, bears N. 65° W. and S. 65° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone for cor. secs. 1, 2, 35, and 36, with brass cap marked.

|      |     |
|------|-----|
| T318 | R1E |
| S35  | S36 |
| S2   | S1  |
| T328 |     |
| 1928 |     |

From which:

A spruce, 6 ins. diam., bears S. 65° W., 420 lks. dist., marked T328 R1E S2 BT.

No other suitable bearing trees available.

Cor. set on rolling top of spur, projects S. 80° W.,

SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.

from the E., 40 ft. above the  $\frac{1}{4}$  sec. cor.  
Land, rolling and mountainous with a general northwesterly exposure and drainage.  
Soil, shallow, rocky, and gravelly clay loam; 3rd rate.  
Volcanic formation.  
Undergrowth, dense sagebrush.  
Timber, dense aspen and spruce on portion of mile.  
Fair grazing land.

East, bet. secs. 1 and 36.

Ascend gradually over rolling top of spur through dense short undergrowth of sagebrush.

28.00 Enter dense aspen and spruce timber, bears N. and S.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  S36  
S1  
1928

From which:

An aspen, 8 ins. diam., bears S. 35° W., 20 lks. dist., marked  $\frac{1}{4}$  S1 BT.

An aspen, 8 ins. diam., bears N. 36° W., 21 lks. dist., marked  $\frac{1}{4}$  S36 BT.

Cor. set on rolling top of spur in dense timber, 20 ft. above sec. cor., project. W. from N. 75° E. Thence ascend gradually along S. slope of spur, through dense timber.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. Ts. 31 and 32 S., Rs. 1 and 2 E., with brass cap marked.

T318  
R1E R2E  
S36 S31  
S1 S6  
T328  
1928



SURVEY OF THE SOUTH BOUNDARY, T. 31 S., R. 1 E.

Chains

From which:

An aspen, 8 ins. diam., bears N. 13° E., 27 lks.

dist., marked T313 R2E S31 BT.

An aspen, 8 ins. diam., bears S. 15° E., 1 lks.

dist., marked T329 R2E S6 BT.

An aspen, 8 ins. diam., bears S. 77° W., 16 lks.

dist., marked T329 R1E S1 BT.

An aspen, 8 ins. diam., bears N. 16° W., 15½ lks.

dist., marked T313 R1E S36 BT.

Cor. set on gradual S. slope, 65 ft. above the ¼ sec. cor., in dense timber.

Land, rolling and mountainous with a general westerly and southerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay loam; 3rd rate.

Volcanic formation.

Undergrowth, dense sagebrush.

Timber, dense aspen and spruce on E. portion of mile.

Fair grazing land.

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SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

From the cor. T. 31 and 32 S., R. 1 and 2 E., heretofore described.

North, bet. sec. 31 and 36.

Ascend gradual S. slope of rolling mountainous land through dense short undergrowth of sagebrush and dense aspen and spruce timber.

11.00 Rolling top of spur, 10 ft. above cor., projects W.; ascend gradual N. slope.

21.00 Leave timber, bears E. and W.

12.00 Bottom of open draw, 90 ft. below spur, drains S. 75° W.; ascend gradual S. slope.

13.00 Enter dense aspen and spruce timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

Chains

S36 | S31

1928

From which:

A spruce, 8 ins. diam., bears S.  $17^{\circ}30'$  E., 24 lks.  
dist., marked  $\frac{1}{4}$  S31 BT.

A spruce, 10 ins. diam., bears N.  $26^{\circ}30'$  W., 45 lks.  
dist., marked  $\frac{1}{4}$  S36 BT.

Cor. set on gradual S. slope in dense timber, 45 ft.  
above draw.

Continue gradual ascent over rolling S. slope through  
dense timber.

47.00 Spur, 25 ft. above the  $\frac{1}{4}$  sec. cor., projects W.; descend  
gradual N. slope.

77.80 Bottom of swale, in dense spruce and aspen timber, 60  
ft. below spur, drains N.  $60^{\circ}$  W.; ascend gradual SW.  
slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 25, 30, 31, and 36, with  
brass cap marked.

|      |     |
|------|-----|
| T31S |     |
| R1E  | R2E |
| S25  | S30 |
| S36  | S31 |

1928

From which:

A spruce, 8 ins. diam., bears N.  $69^{\circ}$  E., 23 lks.  
dist., marked T31S R2E S30 BT.

An aspen, 10 ins. diam., bears S.  $15^{\circ}$  E., 46 lks.  
dist., marked T31S R2E S31 BT.

An aspen, 8 ins. diam., bears S.  $36^{\circ}$  W., 17 lks.  
dist., marked T31S R1E S36 BT.

An aspen, 8 ins. diam., bears N.  $18^{\circ}$  W., 34 lks.  
dist., marked T31S R1E S25 BT.

Cor. set on gradual SW. slope near bottom of swale.

SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

| Chains |  |
|--------|--|
|        | <p>Land, rolling and mountainous with a general westerly exposure and drainage.</p> <p>Soil, shallow, rocky, and gravelly clay loam; 3rd rate.</p> <p>Volcanic formation.</p> <p>Undergrowth, dense short sagebrush.</p> <p>Timber, dense spruce and aspen on portion of mile.</p> <p>Fair grazing land.</p> |
|        | <hr/> <p>North, bet. secs. 25 and 30.</p>  |
|        | <p>Ascend gradual SE. slope of rolling mountainous land through dense short undergrowth of sagebrush and dense spruce and aspen timber.</p>  |
| 8.00   | <p>Spur, 10 ft. above cor., projects W.; descend gradual NW. slope.</p>  |
| 20.00  | <p>Leave timber, bears E. and W.</p>   |
| 22.00  | <p>Old wagon road, bears E. to Big Lake and W. to Hay Lake.</p>  |
| 28.40  | <p>Draw, 60 ft. below spur, drains W.; ascend gradual SW. slope.</p>   |
| 40.00  | <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked.</p>  |
|        | <p><math>\frac{1}{4}</math></p> <p>S25   S30</p> <p>1928</p>   |
|        | <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Cor. set on rolling top of spur, 15 ft. above draw, projects W.; thence descend gradual N. slope.</p>   |
| 49.00  | <p>Bottom of swale near head, 10 ft. below the <math>\frac{1}{4}</math> sec. cor., drains S. 65° W.; ascend gradual S. slope.</p>  |
| 57.50  | <p>Spur, 15 ft. above swale, projects W.; descend gradual N. slope.</p>  |
| 65.00  | <p>Draw, near head, 25 ft. below spur, drains N. 30° W.; ascend gradual SW. slope.</p>   |
| 71.00  | <p>Enter dense aspen and spruce timber, bears SE. and NW.</p>  |
| 71.70  | <p>Spur, 15 ft. above draw, projects NW.; descend gradual NE. slope.</p>   |

SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

CHAINS

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, for cor. secs. 19, 24, 25, and 30, with brass cap marked.

| T31S |     |
|------|-----|
| R1E  | R2E |
| S24  | S19 |
| S25  | S30 |

1928

From which:

A spruce, 6 ins. diam., bears N. 61° E., 22 lks. dist., marked T31S R2E S19 BT.

A spruce, 10 ins. diam., bears S. 48° E., 46 lks. dist., marked T31S R2E S30 BT.

An aspen, 6 ins. diam., bears S. 4° W., 40 lks. dist., marked T31S R1E S25 BT.

A spruce, 6 ins. diam., bears N. 89° W., 2 lks. dist., marked T31S R1E S24 BT.

Cor. set on gradual NE. slope, 40 ft. below top of spur, in dense spruce and aspen timber.

Land, rolling and mountainous with a general westerly and northwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay loam; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, dense spruce and aspen on portion of mile.

Fair grazing land.

North, bet. secs. 19 and 24.

Descend gradual N. slope of rolling mountainous land through dense spruce and aspen timber and dense short undergrowth of sagebrush.

3.50 Leave timber, bears E. and W.

9.00 Bottom of open draw, 50 ft. below cor., drains N. 60° W.; ascend gradual S. slope.

12.50 Enter dense spruce and aspen timber, bears E. and W.

# SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

Chains

17.70 Spur, 40 ft. above draw, projects W.; descend gradual N. slope.

31.20 Leave timber, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S24 | S19  
 1928

Deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

Cor. set on gradual NW. slope; 30 ft. below spur.

48.00 The E. edge of dry bottom Pelham Lake, bears W., 4.30 chs. dist. Area of lake bed is about  $\frac{1}{2}$  acre. Thence ascend gradual S. slope.

68.50 Rolling top of ridge, 15 ft. above the  $\frac{1}{4}$  sec. cor., bears E. and W.; descend gradual N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for cor. secs. 13, 18, 19, and 24, with brass cap marked.

T31S  
 R1E | R2E  
 S13 | S18  
 S24 | S19  
 1928

From which:

A spruce, 8 ins. diam., bears N. 85° E., 324 lks. dist., marked T31S R2E S18 BT.

A spruce, 18 ins. diam., bears S. 89° 30' E., 406 lks. dist., marked T31S R2E S19 BT.

No other bearing trees available.

Cor. set on gradual NE. slope, 15 ft. below top of ridge, and about 3.00 chs. to the W. of dense spruce and aspen timber.

SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

Chains

Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, shallow, rocky, gravelly clay loam; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, dense spruce and aspen on portion of mile.

Fair grazing land.

North, bet. secs. 13 and 18.

Descend gradual E. slope of rolling mountainous land through dense undergrowth of short sagebrush.

29.00 Enter dense aspen and scattered spruce timber, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S13 | S18  
1928

From which:

A spruce, 14 ins. diam., bears S.  $17^{\circ}$  W., 21 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A spruce, 12 ins. diam., bears N.  $17^{\circ}$  W., 30 lks. dist., marked  $\frac{1}{4}$  S13 BT.

Cor. set on gradual W. slope in dense timber, 120 ft. below sec. cor.

60.00 Leave timber, bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.

67.00 Bottom of swale, 30 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.; continue gradual descent.

69.20 The E. edge of small Aspen grove.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 7, 12, 13, and 18, with brass cap marked.

## SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E., S. 12

Chains

T318  
R1E R2E  
S12 S7

S13 S18

1928

From which:

An aspen, 6 ins. diam., bears S.  $85^{\circ}$  W., 189 lks.  
dist., marked T318 R1E S13 BT.

An aspen, 6 ins. diam., bears N.  $52^{\circ}$  W., 223 lks.  
dist., marked T318 R1E S12 BT.

No other suitable bearing trees available.

Cor. set on rolling top of spur, 100 ft. below the  $\frac{1}{2}$   
sec. cor., projects N.  $30^{\circ}$  W.

Land, rolling and mountainous with a general northerly  
exposure and drainage.

Soil, shallow, rocky, and gravelly clay loam; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, dense aspen and scattered spruce on portions of  
mile.

Fair grazing land.

North, bet. secs. 7 and 12.

Descend gradual N. slope of rolling mountainous land  
through dense short sagebrush undergrowth.

20.00 Bottom of swale, 80 ft. below cor., drains NW.; ascend  
gradual SW. slope.

31.00 Spur, 10 ft. above swale, projects NW.; descend gradual  
NE. slope of spur.

36.00 Base of descent from spur, bears E. and W.; thence over  
nearly level top of bench.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground to solid rock and 10 ins. in a mound of stone,  
for  $\frac{1}{2}$  sec. cor., with brass cap marked.

SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

S12 | S7

1928

Deposit a trachyte, 14 x 12 x 6 ins., at base of post, marked with a cross (X).

Cor. set on rolling top of bench, 25 ft. below spur.

Continue over rolling top of bench.

62.00 Leave rolling top of bench, bears N. 70° W. and S. 70° E.; thence descend gradual N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone, for cor. secs. 1, 6, 7, and 12, with brass cap marked.

|      |     |
|------|-----|
| T31S |     |
| R1E  | R2E |
| S1   | S6  |
| S12  | S7  |

1928

Deposit a trachyte, 14 x 10 x 6 ins., at base of post, marked with a cross (X).

Cor. set on gradual N. slope, 55 ft. below the  $\frac{1}{4}$  sec. cor.

Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay loam; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush.

No timber.

Fair grazing land.

North, bet. secs. 1 and 6.

Descend gradual N. slope of rolling mountainous land through dense undergrowth of short sagebrush and yellow top.

3.20 Draw, 10 ft. below cor., drains W.; ascend gradual S. slope.

10.00 Top of spur, 30 ft. above draw, projects W.; descend gradual N. slope.



## SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

| Chains |   |
|--------|---|
| 17.70  | Bottom of draw, 30 ft. below spur, drains W.; ascend gradual S. slope.  |
| 27.30  | Spur, 35 ft. above draw, projects W.; descend gradual N. slope.   |
| 31.00  | Bottom of draw, 10 ft. below spur, drains S. 75° W.; ascend gradual S. slope.   |
| 34.00  | Enter rolling top of bench, bears N. 75° E. and S. 75° W.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.   |
|        | $\begin{array}{c} \frac{1}{4} \\ 31 \mid 36 \\ 1928 \end{array}$  |
|        | Deposit a trachyte, 20 x 18 x 4 ins., at base of post, marked with a cross (X).   |
|        | Cor. set on rolling top of bench, 40 ft. above draw.  |
|        | Continue over rolling top of bench.   |
| 53.00  | Leave rolling top of bench and descend gradual N. slope, bears NE. and SW.  |
| 80.00  | Bottom of swale, 45 ft. below the $\frac{1}{4}$ sec. cor., drains W.; ascend gradual S. slope.  |
| 32.50  | Top of low spur near W. point, projects W. from the E.; descend gradual N. slope.   |
| 85.00  | Draw, 10 ft. below spur, drains SW.; ascend gradual S. slope.   |
| 89.00  | Enter rolling top of bench, 20 ft. above draw, bears N. 60° E. and S. 60° W. Thence over rolling top of bench.  |
| 103.50 | Intersect the Sixth Standard Parallel South, West, 15.47 chs. dist. from the standard cor. secs. 31 and 32, T. 30 S., R. 2 E., which is an iron post, 3 ins. diam., extending 7 ins. above the ground, with brass cap marked. |

SURVEY OF THE EAST BOUNDARY, T. 31 S., R. 1 E.

Chains

|      |     |
|------|-----|
| T30S | R2E |
| S31  | S32 |

1915

Cor. witnessed by a mound of stone, 3 ft. base, 2 ft. high to the N. of cor.

At point of intersection:

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. T. 31 S., Rs. 1 and 2 E., with brass cap marked.

|      |     |
|------|-----|
| T30S | R2E |
| S31  |     |

|      |     |
|------|-----|
| S1   | S6  |
| R1E  | R2E |
| T31S |     |
| C C  |     |
| 1928 |     |

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Cor. set on rolling top of bench.

From this cor.,

Mount Marvine bears N.  $7^{\circ}42'$  E.

Mount Hillgard, bears N.  $10^{\circ}35'$  E.,

The highest visible point on Thousand Lake Mountains bears N.  $35^{\circ}33'$  E.

The highest visible point on the Boulder Mountains bears N.  $86^{\circ}14'$  E.

The highest visible point on the Fish Lake Mountains bears N.  $0^{\circ}55'$  W.

The highest visible point on the Monroe Mountains bears N.  $21^{\circ}37'$  W.

The highest visible point on the Parker Mountains bears N.  $35^{\circ}35'$  W.

Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, shallow gravelly clay loam; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

On line

From the cor. secs. 1, 2, 35, and 36, on the S. bdy. of the township, heretofore described.

N. 0°01' W., bet. secs. 35 and 36.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush.

21.70 Enter dense aspen and spruce timber; bears N. 75° E. and S. 75° W.

30.00 Leave timber, bears N. 75° E. and S. 75° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S35 | S36  
1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. set in bottom of swale, 60 ft. below the sec. cor., drains NE.

Thence ascend gradual SE. slope.

42.40 Road, bears NE. to Big Lake and SW. to Hay Lake.

52.50 Rolling top of spur, 20 ft. above swale, projects SW.; descend gradual NW. slope.

66.00 Bottom of swale, 20 ft. below spur, drains SW.; ascend gradual SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 25, 26, 35, and 36, with brass cap marked.

T318 | R1E  
S26 | S25

S35 | S36

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. set on gradual SE. slope, 15 ft. above swale.

Land, rolling and mountainous with a general southwesterly exposure and drainage.

Soil, shallow, rocky, clay and gravelly; 3rd rate. Volcanic formation.

Final plat 12157

# SUBDIVISION OF, T. 31 S., R. 1 E.

Chain

Undergrowth, dense short sarsbrush.

Timber, dense aspen and spruce on portion of site.

Fair grazing land.

East, on random line bet. secs. 25 and 30.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect the E. bdy. of the township at the cor. secs. 25, 30, 31, and 30, heretofore described.

Thence,

West, on true line bet. secs. 25 and 30.

Descend gradual SW. slope of rolling mountainous land through dense aspen and spruce timber and dense short undergrowth of sarsbrush.

5.00 Bottom of swale, 10 ft. below cor., drains NW.; ascent gradual NE. slope.

10.00 Leave timber, bears N. and SW.; thence across the S. end of large open flat.

15.50 Enter dense aspen and spruce timber, bears NW. on spur.

24.00 Spur, 60 ft. above swale, projects NW.; ascends gradual SW. and NW. slopes.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 lbs. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} 32- \\ \frac{1}{4} \\ \hline 330 \end{array}$$

1928

From which:

An aspen, 10 ins. diam., bears S. 8° W., 21 $\frac{1}{2}$  lbs. dist., marked  $\frac{1}{4}$  836 BT.

A spruce, 10 ins. diam., bears N. 30° W., 21 lbs. dist., marked  $\frac{1}{4}$  825 BT.

Cor. set on gradual W. slope, 50 ft. below spur.

Continue through dense timber.

51.00 Leave timber, bears N. and S.

52.50 Road, bears NE. to Big Lake and SW. to Hay Lake.

67.00 Bottom of wide swale, 30 ft. below the  $\frac{1}{4}$  sec. cor.,

## SUBDIVISION OF T. 10 N., R. 1 E.

| Chains |  |
|--------|--|
|        | drains N.; ascend gradual E. slope.  |
| 80.00  | The cor. secs. 25, 26, 35, and 36, 15 ft. above swale.<br>Land, rolling and mountainous with a general northwestern exposure and drainage.<br>Soil, shallow, rocky, gravelly clay; 3rd rate. Volcanic formation.<br>Undergrowth, dense short sagebrush.<br>Timber, dense spruce and aspen on portions of mile.<br>Fair grazing land. |
|        | N. 0° 01' W., bet. secs. 25 and 26.<br>Ascend gradual SE. slope of rolling mountainous land through dense undergrowth of short sagebrush.  |
| 10.00  | Rolling top of spur, 10 ft. above cor., projects NE.; descend gradual SW. slope.   |
| 21.40  | Enter dense spruce and aspen timber, bears NE. and SW.   |
| 26.00  | Leave timber, bears E. and W. Thence over rolling sagebrush flat.  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.  |
|        | <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin: 0 5px;">S26</div> <div style="border: 1px solid black; padding: 2px; margin: 0 5px;">S25</div> </div> <div style="text-align: center; margin-top: 5px;">1928</div>                             |
|        | Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.<br>Cor. set on gradual N. slope, 55 ft. below spur, in large sagebrush flat.  |
| 45.00  | Bottom of swale near head, 10 ft. below the $\frac{1}{4}$ sec. cor., drains N. 30° E.; ascend gradual SE. slope.   |
| 45.85  | Road, bears NE. to Pelham Lake and SW. to Hay Lake.  |
| 55.50  | Low spur, 15 ft. above swale, projects NE.; descend gradual NW. slope.   |
| 63.50  | Draw, 15 ft. below spur, drains W.; ascend gradual S. slope.   |
| 73.00  | Rolling top of ridge, 20 ft. above draw, bears N. and S. 75° W.; descend gradual N. slope.   |

27

SUBDIVISION, T. 31 S., R. 1 E.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone, for cor. secs. 23, 24, 25, and 26, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S23  | S24 |
| S26  | S25 |

1928

Deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

Cor. set on gradual N. slope of ridge, 15 ft. below top. Land, rolling and mountainous with a general northeasterly exposure and drainage.

Soil, shallow, rocky, clay and gravel; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, dense aspen and spruce on portion of mile.

Fair grazing.

East, on random line bet. secs. 24 and 25.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect the E. bdy. of the township, 9 lks. N. of the cor. secs. 19, 24, 25, and 30, heretofore described.

Thence:

N. 89°56' W., on true line bet. secs. 24 and 25.

Descend gradually along rolling N. slope of mountainous land through dense short undergrowth of sagebrush, and dense aspen and spruce timber.

12.50 Bottom of swale, drains NW., 20 ft. below cor.; ascend gradual NE. slope.

35.90 Road, bears NE. to Pelham Lake and SW. to Hay Lake.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|     |
|-----|
| S24 |
| S25 |

1928

SUBDIVISION OF, T. 31 S., R. 1 E.

Chains

201500

From which:

A spruce, 6 ins. diam., bears S. 20° W., 35½ lks.  
dist., marked  $\frac{1}{4}$  S25 BT.

An aspen, 10 ins. diam., bears N. 70° W., 34 lks.  
dist., marked  $\frac{1}{4}$  S24 BT.

Cor. set on gradual NE. slope, 20 ft. above swale.

41.30 Leave timber, bears NW. and SE.

45.00 Rolling top of ridge, 15 ft. above the  $\frac{1}{4}$  sec. cor.,  
bears NW. and SE.; thence along gradual S. slope of  
ridge near top.

70.00 Recross top of ridge, bears N. 70° E. and SW.; thence  
descend gradual NW. slope.

79.96 The cor. secs. 23, 24, 25, and 26, 15 ft. below top of  
ridge.

Land, rolling and mountainous with a general northwester  
exposure and drainage.

Soil, shallow, rocky, gravel, and clay; 3rd rate.  
Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, dense aspen and spruce on portion of mile.

Fair grazing land.

N. 0°01' W., bet. secs. 23 and 24.

Descend gradual NW. slope of rolling mountainous land  
through dense undergrowth of short sagebrush and yellow  
top.

10.00 Enter dense aspen and spruce timber, bears E. and W.

37.90 Draw, 135 ft. below cor., drains W.; ascend gradual S.  
slope.

40.00 Set an iron post, 3 ft. long; 1 in. diam., 20 ins. in the  
ground to solid rock and 10 ins. in a mound of stone,  
for  $\frac{1}{4}$  sec. cor., with brass cap marked.

SUBDIVISION OF, T. 31 S., R. 1 E.

Chains

From which: on level corner to S. 1/4 Sec. 13.

An aspen, 10 ins. diam., bears S. 13° E., 7 lks.

dist., marked  $\frac{1}{4}$  S24 BT. on S. 1/4 Sec. 13.

An aspen, 6 ins. diam., bears N. 85° W., 17 lks.

dist., marked  $\frac{1}{4}$  S23 BT.

Cor. set on gradual SW. slope, 15 ft. above draw.

42.30 Leave timber, bears NW. and SE.

43.30 Spur, 15 ft. above the  $\frac{1}{4}$  sec. cor., projects W.; descend gradual N. slope.

54.00 Draw, 25 ft. below spur, drains W.; ascend gradual S. slope.

59.50 Spur, 10 ft. above draw, projects W.; descend gradual N. slope.

70.70 Wide draw, 65 ft. below spur, drains NW.; ascend gradual SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 13, 14, 23, and 24, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S14  | S13 |
| S23  | S24 |

1928

Deposit a trachyte, 16 x 14 x 12 ins., at base of post, marked with a cross (X).

Cor. set on gradual SW. slope, 30 ft. above draw.

Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen and spruce on portion of mile.

Fair grazing land.



# SUBDIVISION OF T. 31 S., R. 1 E.

| Chains |  |
|--------|--|
|        | S. 89°56' E., on random line bet. secs. 13 and 24.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 80.00  | Intersect the E. bdy. of the township, 14 lks. S. of the cor. secs. 13, 18, 19, and 24, heretofore described.  |
|        | Thence:  |
|        | S. 89°58' W., on true line bet. secs. 13 and 24.   |
|        | Ascend gradual E. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.   |
| 27.00  | Ridge, 40 ft. above cor., bears N. and S. Enter scattered aspen timber, bears N. and S. Thence descend gradually along rolling W. slope.                           |
| 31.00  | Leave timber, bears NW. and SE.  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked. |
|        | $\begin{array}{r} S13 \\ \frac{1}{4} \\ S24 \\ \hline 1928 \end{array}$  |
|        | Deposit a trachyte, 20 x 20 x 14 ins., at base of post, marked with a cross (X).   |
|        | Cor. set on rolling W. slope, 70 ft. below ridge.  |
| 42.70  | Head of draw, 10 ft. below the $\frac{1}{4}$ sec. cor., drains S. 30° E.; thence descend gradual SW. slope.  |
| 80.00  | The cor. secs. 13, 14, 23, and 24, 60 ft. below head of draw.  |
|        | Land, rolling and mountainous with a general westerly and easterly exposure and drainage.  |
|        | Soil, shallow, rocky, and gravelly clay; 3rd rate.   |
|        | Volcanic formation.  |
|        | Undergrowth, dense short sagebrush and yellow top.   |
|        | Timber, scattered aspen on portion of mile.  |
|        | Fair grazing land.   |

# SUBDIVISION OF, T. 31 S., R. 1 E.

Chains

N. 0°01' W., bet. secs. 13 and 14.

Ascend gradual S. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

5.00 Rolling top of ridge, 10 ft. above cor., bears E. and W.; descend gradual N. slope.

27.20 Draw, 55 ft. below ridge, drains W.; ascend gradual S. slope.

32.50 Spur, 15 ft. above draw, projects W.; descend gradual N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S14 | S13  
1928

Deposit a trachyte, 16 x 14 x 12 ins., at base of post, marked with a cross (X).

Cor. set on gradual N. slope near head of draw, 25 ft. below spur.

41.30 Head of draw, 5 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 70° W.; ascend gradual S. slope.

46.50 Rolling top of spur, 10 ft. above head of draw, projects N. 60° W.; descend gradual N. slope.

55.00 The SW. edge of aspen grove, bears E., 50 lks. dist.

61.00 Head of draw, 40 ft. below spur, drains N. 70° W.; continue gradual descent.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone, for cor. secs. 11, 12, 13, and 14, with brass cap marked.

T31S | R1E  
S11 | S12  
S14 | S13

1928

# SUBDIVISION OF T. 31 S., R. 1 E.

| Chains |   |
|--------|---|
|        | Deposit a trachyte, 19 x 14 x 10 ins.; at base of post, marked with a cross (X).  |
|        | Cor. set on low rolling top of ridge, 20 ft. below head of draw, bears NW. and SE.  |
|        | Land, rolling and mountainous with a general northwestern exposure and drainage.  |
|        | Soil, shallow, rocky, and gravelly clay; 3rd rate.  |
|        | Volcanic formation.   |
|        | Undergrowth, dense short sagebrush and yellow top.  |
|        | No timber.  |
|        | Fair grazing land.  |
|        | <hr/>   |
|        | N. 89°58' E., on random line bet. secs. 12 and 13.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |
| 30.00  | Intersect the E. bdy. of the township, at the cor. secs. 7, 12, 13, and 18, heretofore described.   |
|        | Thence:   |
|        | S. 89°58' W., on true line bet. secs. 12 and 13.  |
|        | Descend gradual W. slope of rolling mountainous land through dense undergrowth of short sagebrush and yellow top.   |
| 2.30   | Enter small grove of aspen timber, bears N. 30° E. and S. 30° W.  |
| 4.00   | Leave aspen grove; bears N. and S.  |
| 8.10   | The NE. point of aspen and spruce timber. Thence along N. side of timber.   |
| 11.50  | Draw, 55 ft. below cor., drains NW.; ascend gradual NE. slope.  |
| 32.50  | Spur, 65 ft. above draw, projects N. 35° W.; descend gradual SW. slope.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked. |

## SUBDIVISION OF T. 1 N. R. 1 E.

Chains

S12

 $\frac{1}{4}$  S13

1928

From which:

An aspen, 5 ins. diam., bears S.  $11^{\circ}$  W., 347 lks.  
dist., marked  $\frac{1}{4}$  S13 BT.

An aspen, 5 ins. diam., bears N.  $79^{\circ}30'$  W., 280 lks.  
dist., marked  $\frac{1}{4}$  S12 BT.

Cor. set on gradual W. slope of spur, 10 ft. below top.

45.80 Draw, 40 ft. below the  $\frac{1}{4}$  sec. cor., drains N.  $30^{\circ}$  W.;  
ascend gradual NE. slope.

52.50 Spur, 30 ft. above draw, projects NW.; descend gradual  
SW. slope.

60.00 The N. edge of aspen grove, bears S., 1.80 chs. dist.

65.00 Draw, 30 ft. below spur, drains NW.; ascend gradual  
NE. slope.

75.00 Small draw, drains N.  $10^{\circ}$  W.; continue gradual ascent.

80.00 The cor. secs. 11, 12, 13, and 14, 20 ft. above draw.

Land, rolling and mountainous with a general northwesterly  
exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, scattered aspen and spruce on portion of mile.

Fair grazing land.

N.  $0^{\circ}01'$  W., bet. secs. 11 and 12.

Descend gradually over NE. slope of rolling mountainous  
land through dense undergrowth of short sagebrush and  
yellow top.

25.00 Enter rolling top of bench, bears W. and SE.; continue  
gradual descent over rolling top of bench.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

Chains

S18

S18

S11

S12

1928

ESOI

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Cor. set at the NE. rim of bench, bears N. 30° W. and S. 30° E., 130 ft. below the sec. cor.

Thence descend gradual NE. slope of bench.

67.30 Draw, 65 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend gradual SE. slope.

72.60 Spur, 20 ft. above draw, projects NE.; descend gradual N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 2, 11, and 12, with brass cap marked.

T318 RLE

S2 S1

S11 S12

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Cor. set on gradual N. slope at S. side of draw, 45 ft. below spur.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

N. 89°58' E., on random line bet. secs. 1 and 12.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect the E. bdy. of the township, 2 1/4 mi. N. of the cor. secs. 1, 6, 7, and 12; heretofore described.

Thence: N. 89°59' W., on true line bet. secs. 1 and 12.

SUBDIVISION OF, T. 31 S., R. 1 E.

Chains

Ascend gradual N. slope of rolling mountainous land through dense short undergrowth. Line follows along S. side of draw draining W.

25.00 Spur, 15 ft. above cor., projects NW.; descend gradual W. slope.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S1  
—  
S12  
1928

Deposit a trachyte, 10 x 8 x 3 ins., at base of post, marked with a cross (X).

Cor. set on gradual W. slope, 25 ft. below sour.

42.70 Draw, 10 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 30° E., 5.00 chs. dist. to large draw draining W. Continue gradual descent along S. side of large draw.

46.10 Draw, drains N., 5.00 chs. dist. to large draw; continue gradual descent.

55.00 Large draw, 25 ft. below the  $\frac{1}{4}$  sec. cor., drains S. 60° W.; continue gradual descent along N. side of draw.

72.90 Recross large draw, drains N. 60° W.; continue gradual descent.

80.02 The cor. secs. 1, 2, 11, and 12, 60 ft. below the  $\frac{1}{4}$  sec. cor.

Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, shallow sandy loam; 3rd rate. Volcanic formation.

Undergrowth, dense sagebrush and yellow top.

No timber.

Fair grazing land.

## SUBDIVISION OF T. 30 S., R. 1 E.

Chains

331800

N. 0°01' W., bet. secs. 1 and 2.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

2.20 Large draw, 10 ft. below cor., drains S. 60° W.; ascend gradual S. slope.

7.00 Enter rolling top of bench, 40 ft. above draw, bears N. 70° E. and S. 70° W.; thence over rolling top of bench.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S2 | S1

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. set on rolling N. slope of top of bench.

67.50 Leave rolling top of bench, bears N. 70° E. and S. 70° W. descend gradual N. slope.

74.00 Swale, 65 ft. below rolling top of bench, drains NE.; ascend gradual SE. slope.

91.50 Spur, 15 ft. above swale, projects NE.; descend gradual NW. slope.

102.80 Wash, 35 lks. wide, 2 ft. deep, in draw, 40 ft. below spur, drains NE.

103.55 Intersect the Sixth Standard Parallel South, West, 15.50 chs. dist. from the standard cor. T. 30 S., R. 1 and E., which is an iron post, 3 ins. diam., firmly set, extending 9 ins. above ground, with brass cap marked.

T308  
R1E | R2E  
836 | 831

1915

Cor. witnessed by a mound of stone, 3 ft. base, 2 ft. high, to the N. of cor.

At point of intersection;

489  
SUBDIVISION OF T. 31 S., R. 1 E.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in  
the ground to solid rock and 10 ins. in a mound of  
stone, for closing cor. secs. 1 and 2, T. 31 S.,  
R. 1 E., with brass cap marked.

T30S R1E  
S36

|          |    |
|----------|----|
| S2       | S1 |
| T31S R1E |    |
| C C      |    |
| 1928     |    |

Deposit a volcanic stone, 12 x 10 x 8 ins., at base of  
post, marked with a cross (X).

Cor. set on N. side of wash and at a point, 2.05 chs.

E. of road which bears NE. to Bicknell, Utah. and SW.  
to Antelope Springs located in sec. 15 of this township.  
Land, rolling and mountainous with a general northerly  
exposure and drainage.

Soil, shallow, rocky, and gravelly clay and sand; 3rd  
rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.  
No timber.

Fair grazing land.

From the cor. secs. 2, 3, 34, and 35, on the S. bdy. of  
the township, heretofore described.

N. 0°01' W., bet. secs. 34 and 35.

Ascend gradual S. slope of rolling mountainous land  
through dense short undergrowth of sagebrush.

7.00 Rolling top of ridge, 15 ft. above cor., bears NE. and  
SW.; descend gradual NW. slope.

20.40 Enter dense spruce and balsam timber, bears N. 60° E.  
and S. 60° W.

29.16 Intersect an aspen, 10 ins. diam., which I mark with  
two notches on N. and S. faces for line tree.

35.20 Intersect a spruce, 10 ins. diam., which I mark with  
two notches on N. and S. faces for line tree.



SUBDIVISION, T. 31 S., R. 1 E.

Chains

- 37.50 Leave timber, bears N. 75° E. and S. 75° W.  
 39.50 Road, bears NE. to Pelham Lake and SW. to Hay Lake.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S34 | S35  
 1928

From which:

A spruce, 10 ins. diam., bears S. 2° 15' E., 342 lks. dist., marked  $\frac{1}{4}$  S35 BT.

An aspen, 12 ins. diam., bears S. 8° W., 271 lks. dist., marked  $\frac{1}{4}$  S34 BT.

Cor. set in bottom of swale, 75 ft. below ridge, drains S. 75° W.

Continue gradual descent.

- 70.50 Wash, 15 lks. wide, 2  $\frac{1}{2}$  ft. deep, in draw, 60 ft. below the  $\frac{1}{4}$  sec. cor., drains W.; ascend gradual S. slope.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for cor. secs. 26, 27, 34, and 35, with brass cap marked.

T31S R1E  
 S27 | S26  
 S34 | S35  
 1928

Deposit a trachyte, 10 x 10 x 6 ins., at base of post, marked with a cross (X).

Cor. set on gradual S. slope, 20 ft. above draw.

Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush.

Timber, dense spruce and aspen on portion of mile.

Fair grazing land.

SUBDIVISION OF T. 31 S., R. 1 E.

- Chain
- 40.00 East, on random line bet. secs. 26 and 35.
- 50.00 Set a  $\frac{1}{4}$  sec. cor. on line bet. secs. 25, 26, 35, and 36.
- Thence:
- N.  $89^{\circ}59'$  W., on true line bet. secs. 26 and 35.
- Ascend gradual SE. slope of rolling mountainous land through dense short undergrowth of sagebrush.
- 12.00 Rolling top of ridge, 10 ft. above cor., bears NE. and SW.; descend gradual NW. slope.
- 16.50 Enter dense aspen and spruce timber, bears NE. and SW.
- 33.50 Leave timber, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 39.40 Road, bears NE. to Pelham Lake and SW. to Hay Lake.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{826}{335}$   
 1925

From which:

- An aspen, 12 ins. diam., bears S.  $31^{\circ}$  W., 419 lks. dist., marked  $\frac{1}{4}$  S35 BT.
- An aspen, 8 ins. diam., bears N.  $22^{\circ}$  W., 203 lks. dist., marked  $\frac{1}{4}$  S26 BT.

Cor. set on gradual NW. slope, 60 ft. below ridge.

- 44.00 Enter dense spruce and aspen timber, bears NE. and SW.
- 50.20 Leave timber, bears N. and S.
- 57.70 Bottom of swale, 60 ft. below the  $\frac{1}{4}$  sec. cor., drains S.  $30^{\circ}$  W.; ascend gradually along S. slope.
- 80.00 The cor. secs. 26, 27, 34, and 35, 15 ft. above swale. Land, rolling and mountainous with a general southerly and northwesterly exposure and drainage.
- Soil, shallow, rocky, and gravelly clay; 3rd rate.
- Volcanic formation.
- Undergrowth, dense short sagebrush.
- Timber, dense spruce and aspen on portions of mile.
- Fair grazing land.

# SUBDIVISION OF, T. 31 S., R. 1 E.

Chains

N.  $0^{\circ}01'$  W., bet. secs. 26 and 27.

Ascend gradual S. slope of rolling mountainous land through dense short undergrowth of sagebrush.

20.00 Rolling top of ridge, 10 ft. above cor., bears E. and W.; descend gradual N. slope.

35.00 Enter dense aspen and spruce timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\uparrow$   
 S27 | S26  
 1928

From which:

A spruce, 10 ins. diam., bears S.  $86^{\circ}$  E., 85 lks. dist., marked  $\frac{1}{4}$  S26 BT.

A spruce, 20 ins. diam., bears S.  $28^{\circ}30'$  W., 65 lks. dist., marked  $\frac{1}{4}$  S27 BT.

Cor. set on gradual N. slope in dense timber, 35 ft. below ridge.

48.40 Draw, 100 ft. below the  $\frac{1}{4}$  sec. cor., drains N.  $70^{\circ}$  W.; ascend gradual SW. slope.

55.00 Spur, 55 ft. above draw, projects W.; descend gradual N. slope.

58.00 Leave timber, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone for cor. secs. 22, 23, 26, and 27, with brass cap marked

T31S R1E  
 S22 | S23  
 S27 | S26  
 1928

Deposit a trachyte, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

Cor. set on gradual N. slope, 60 ft. below spur.

Land, rolling and mountainous with a general northerly exposure and drainage.

SUBDIVISION OF, T. 31 S., R. 1 E.

Chains

Soil, shallow, rocky, and gravelly clay; 3rd rate.  
Volcanic formation.  
Undergrowth, dense short sagebrush.  
Timber, dense aspen and spruce on portions of mile.  
Fair grazing land.

S.  $89^{\circ}59'$  E., on random line bet. secs. 23 and 26.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect the N. and S., line, 12 lks. S. of the cor.  
secs. 23, 24, 25, and 26.

Thence:

S.  $39^{\circ}56'$  W., on true line bet. secs. 23 and 26.

Ascend gradual N. slope of rolling mountainous land  
through dense short undergrowth of sagebrush and  
yellow top.

27.50 Rolling top of spur, 10 ft. above cor., projects  
N.  $60^{\circ}$  E.; descend gradual SW. slope.

34.50 Enter SE. edge of grove of aspen timber, bears N. and W.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in  
the ground to solid rock and 18 ins. in a mound of stone  
for  $\frac{1}{4}$  sec. cor., with brass cap marked:

$$\begin{array}{r} S23 \\ \frac{1}{4} \\ \hline S26 \end{array}$$

1923

From which:

An aspen, 8 ins. diam., bears S.  $30^{\circ}$  W., 223 lks.  
dist., marked  $\frac{1}{4}$  S26 BT.

An aspen, 6 ins. diam., bears N.  $9^{\circ}$  W., 141 lks.  
dist., marked  $\frac{1}{4}$  S23 BT.

Cor. set on gradual SW. slope, 20 ft. below spur, at the  
S. edge of aspen grove.

46.50 Leave aspen grove, bears NW. and SE.

48.50 Top of low rolling spur, projects W. from the SE.;  
thence descend gradually along top of spur.

58.00 Leave top of spur, projects NW. from the E.; thence

SUBDIVISION OF, T. 31 S., R. 1 E.

Chains

Station

- descend gradual SW. slope.
- 77.20 Bottom of draw, 130 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.; ascend gradual NE. slope.
- 80.10 The cor. secs. 22, 23, 26, and 27, 10 ft. above draw. Land, rolling and mountainous with a general northwesterly exposure and drainage. Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation. Undergrowth, dense short sagebrush and yellow top. Timber, dense aspen on portion of mile. Fair grazing land.
- 
- N.  $0^{\circ}01'$  W., bet. secs. 22 and 23. Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.
- 5.50 Draw, 10 ft. below cor., drains N.  $60^{\circ}$  W.; ascend gradual SE. slope.
- 23.50 Rolling top of ridge, 20 ft. above draw, bears E. and W.; enter scattered groves of aspen timber, bears with ridge. Thence descend gradual N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $\frac{1}{4}$   
 S22 | S23  
 1928
- From which:
- An aspen, 10 ins. dia., bears S.  $4^{\circ}30'$  E., 402 lks. dist., marked  $\frac{1}{4}$  S23 BT.
- An aspen, 12 ins. diam., bears S.  $5^{\circ}$  W., 410 lks. dist., marked  $\frac{1}{4}$  S22 BT.
- Cor. set on gradual N. slope, 40 ft. below ridge.
- 51.00 Descent becomes more abrupt, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

54.50 The center of a well-built pole corral, 1.50 chs. in diam., bears E. of line, 1.50 chs. dist. Descent becomes more gradual, bears E. and W.

55.10 Leave timber, bears E. and W.

65.30 The W. edge of aspen grove, bears E., 30 lks. dist.

67.10 Draw, 140 ft. below the  $\frac{1}{4}$  sec. cor., drains N.  $75^{\circ}$  W.; ascend gradual S. slope.

180.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 14, 15, 22, and 23, with brass cap marked.

|      |     |
|------|-----|
| T313 | R1E |
| S15  | S14 |

|     |     |
|-----|-----|
| S22 | S23 |
|-----|-----|

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. set on rolling top of spur, 35 ft. above draw, projects W.

Land, rolling and mountainous with a general northerly and southerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, scattered groves of aspen.

Fair grazing land.

N.  $89^{\circ}56'$  E., on random line bet. secs. 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 13, 14, 23, and 24.

Thence:

S.  $89^{\circ}58'$  W., on true line bet. secs. 14 and 23.

Descend gradual SW. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

12.20 Enter bottom of draw, drains W. from the SE.; thence along bottom of draw.

# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

Entered

19.70 Leave bottom of draw, 50 ft. below cor., drains SW. from the E.; ascend gradual SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked,

S14  
 $\frac{1}{4}$   
S23

1928

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. Cor. set on gradual SE. slope, 45 ft. above draw.

46.00 Enter rolling top of spur, 75 ft. above the  $\frac{1}{4}$  sec. cor., projects W. from the NE. Thence along rolling top of spur.

80.00 The cor. secs. 14, 15, 22, and 23, on rolling top of spur. Land, rolling and mountainous with a general southwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top. No timber.

Fair grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

23.40 Draw, 40 ft. below cor., drains W.; ascend gradual S. slope.

26.00 Rolling top of ridge, 50 ft. above draw, bears E. and W.; descend gradual N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground; for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S15 | S14  
 $\frac{1}{4}$

1928

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

SUBDIVISION OF T. 31 S., R. 1 E.

Cor. set at head of draw, 50 ft. below ridge, drains N. 75° W.; continue gradual descent.

54.70 Draw, drains NW.; continue gradual descent.

70.00 Low ridge, bears SE<sub>4</sub> and NW.; continue gradual descent.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone, for cor. secs. 10, 11, 14, and 15, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S10  | S11 |
| S15  | S14 |

1928

Deposit a trachyte, 24 x 14 x 8 ins., at base of post, marked with a cross (X).

Cor. set on gradual N. slope, 110 ft. below the  $\frac{1}{4}$  sec. cor.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow, rocky, and garvelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

N. 89°58' E., on random line bet. secs. 11 and 14.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect the N. and S. line, 2 lks. N. of the cor. secs. 11, 12, 13, and 14.

Thence:

S. 89°59' W., on true line bet. secs. 11 and 14.

Descend gradual W. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

13.70 Draw, 40 ft. below cor., drains NW.; ascend gradual NE. slope.

28.20 Spur, 10 ft. above draw, projects N. 35° W.; descend gradual SW. slope.



# SUBDIVISION OF T. 31 S., R. 1 E.

| Chains |  |
|--------|--|
| 39.99  | Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked. |
|        | $\begin{array}{r} 811 \\ + \\ 814 \\ \hline 1925 \end{array}$  |
|        | Deposit a trachyte, 12 x 12 x 10 ins., at base of post, marked with a cross (X).   |
|        | Cor. set on gradual W. slope, 30 ft. below spur.   |
| 45.00  | Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend gradual NE. slope.  |
| 53.80  | Spur, 15 ft. above draw, projects N. 20° W.; descend gradual W. slope.   |
| 60.50  | Bottom of draw, 10 ft. below spur, drains N. 20° W.; ascend gradually along N. slope.  |
| 79.98  | The cor. secs. 10, 11, 14, and 15, 25 ft. above draw.  |
|        | Land, rolling and mountainous with a general northwesterly exposure and drainage.  |
|        | Soil, shallow, rocky, and gravelly clay; 3rd rate.   |
|        | Volcanic formation.  |
|        | Undergrowth, dense short sagebrush and yellow top.   |
|        | No timber.   |
|        | Fair grazing land.   |
|        | <hr/>  |
|        | N. 0°01' W., bet. secs. 10 and 11.   |
|        | Descend gradual N. slope of rolling mountainous land through dense undergrowth of short sagebrush and yellow top.  |
| 31.50  | Swale, 65 ft. below cor., drains NE., 3.50 chs. dist. to junction with draw which drains N. from the SE.; ascend gradual SE. slope.                                |
| 34.50  | Enter rolling top of bench, 15 ft. above swale, bears N. 30° E. and SW.; thence over rolling top of bench.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.  |

SUBDIVISION OF T. 31 S. R. 1 E.

S10 S11

1928

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Cor. set on rolling top of bench at the SE. edge of road.  
40.08 Road, bears NE. to Bicknell, Utah, and SW. to Antelope  
Springs.  
62.80 Leave rolling top of bench, bears S.  $60^{\circ}$  E. and W.;  
thence descend abrupt NE. slope.  
65.10 Draw, 50 ft. below bench, drains NW.; ascend gradual  
SW. slope.  
77.70 Spur, 3 ft. above draw, projects N.  $35^{\circ}$  W.; descend  
gradual N. slope.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in  
the ground to solid rock and 20 ins. in a mound of stone,  
for cor. secs. 2, 3, 10, and 11, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S3   | S2  |

|     |     |
|-----|-----|
| S10 | S11 |
|-----|-----|

1928

Deposit a trachyte, 30 x 20 x 6 ins., at base of post,  
marked with a cross (X).

Cor. set on gradual S. slope, 10 ft. below top of spur.

Land, rolling and mountainous with a general northerly  
exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

N.  $89^{\circ}59'$  E., on random line bet. secs. 2 and 11.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect the N. and S. line, 2 lks. N. of the cor. secs.  
1, 2, 11, and 12.

Thence:

# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

West, on true line bet. secs. 2 and 11.

Descend gradual NW. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

4.00 Draw, 10 ft. below cor., drains S. 60° W.; ascend gradual SE. slope.

9.20 Top of ascent on S. point of bench, 25 ft. above draw; descend gradual SW. slope.

11.30 Bottom of same draw, 30 ft. below point from bench, drains N. 70° W.; ascend gradually along N. slope.

38.20 Enter rolling top of bench, bears N. 75° W. and S. 75° E.; thence over rolling top of bench.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S2 \\ \frac{1}{4} \\ S11 \end{array}$$

1928

Deposit a trachyte, 10 x 10 x 6 ins., at base of post, marked with a cross (X).

Cor. set on rolling top of bench near the N. rim of same. Continue over rolling top of bench.

54.20 Road, bears N. to Bicknell, Utah and S. to Antelope Springs.

70.00 Leave rolling top of bench, bears NE. and S. 70° W.; thence descend gradually along N. slope.

80.02 The cor. secs. 2, 3, 10, and 11, 30 ft. below top of bench. Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing.

SUBDIVISION OF T. 31 S., R. 1 E.

N. 0°01' W., bet. secs. 2 and 3.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

18.00 Bottom of swale, 55 ft. below cor., drains N. 60° W.; ascend gradual SW. slope.

36.00 Top of ascent on W. slope of knoll, 45 ft. above swale, bears E. and W.; descend gradual NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 83 | 82  
 1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. set on gradual NW. slope, 20 ft. below top of ascent.

73.20 Bottom of draw from Antelope Springs, 40 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 25° E.; ascend gradually along rolling E. slope.

103.65 Intersect the Sixth Standard Parallel South, West, 15.43 chs. dist. from the standard cor. secs. 35 and 36, T. 30 S., R. 1 E., which is an iron post, 3 ins. diam., firmly set, extending 9 ins. above ground, with brass cap marked.

|      |     |
|------|-----|
| T30S | R1E |
| 835  | 836 |

1915

Cor. witnessed to the N. by a mound of stone, 3 ft. base, 2 ft. high.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 2 and 3, T. 31 S., R. 1 E., with brass cap marked.

# SUBDIVISION OF TOWNSHIP, N. 1 E.

Chains

835

83 82

1318 1116

1928

Deposit a trachyte, 4 x 2 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Cor. set on gradual E. slope, 25 ft. above draw.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

From the above cor., the U.S. Geological Survey triangulation station Cameron Fort, bears N. 13°43' E. Bearing taken to a large mound of stone on top of a prominent bare knoll.

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the township, heretofore described:

N. 0°02' W., bet. secs. 33 and 34.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

10.50 Draw, 40 ft. below cor., drains W.; ascend gradual S. slope.

18.00 Spur, 20 ft. above draw, projects W.; descend gradual N. slope.

27.30 Bottom of draw, 20 ft. below spur, drains S. 75° W. to Lost Spring; ascend gradual S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and 6 ins. in a mound of

SUBDIVISION OF T. 31 S., R. 1 E.

stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  sec. cor. 1928  
S33 | S34

Deposit a trachyte, 10 x 10 x 4 ins., at base of post, marked with a cross (X).

Cor. set on rolling top of ridge, 40 ft. above draw, bears E.  $70^{\circ}$  E. and S.  $70^{\circ}$  W.

Thence descend gradual N. slope.

58.00 Swale near head, 20 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.; ascend gradual SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for cor. secs. 27, 28, 33, and 34, with brass cap marked.

T31S R1E  
S28 | S27  
S33 | S34  
1928

From which:

An aspen, 10 ins. diam., bears N.  $40^{\circ}$  E., 594 lks. dist., marked T31S R1E S27 BT.

An aspen, 12 ins. diam., bears S.  $71^{\circ}$  E., 459 lks. dist., marked T31S R1E S34 BT.

An aspen, 8 ins. diam., bears S.  $3^{\circ}$  W., 263 lks. dist., marked T31S R1E S33 BT.

An aspen, 8 ins. diam., bears N.  $61^{\circ}$  W., 250 lks. dist., marked T31S R1E S28 BT.

Cor. set on gradual W. slope, 35 ft. above swale.

Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, a few scattered aspen at the N. end of mile.

Fair grazing land.

# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

- East, on random line bet. secs. 27 and 34.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.14 Intersect the N. and S. line, 12 lks. S. of the cor.  
secs. 26, 27, 34, and 35.
- Thence:  
S.  $89^{\circ}55'W.$ , on true line bet. secs. 27 and 34.
- Descend gradual SW. slope of rolling mountainous land  
through dense short undergrowth of sagebrush and  
yellow top.
- 12.00 Swale, 10 ft. below cor., drains S.  $30^{\circ}W.$ ; ascend  
gradual SE. slope.
- 15.20 Road, bears N. to Antelope Springs and S. to Hay Lake.
- 40.07 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in  
the ground to solid rock and 12 ins. in a mound of  
stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\begin{array}{r} S27 \\ \frac{1}{4} \overline{) 834} \\ 1928 \end{array}$$
- Deposit a trachyte, 14 x 12 x 6 ins., at base of post,  
marked with a cross (X).
- Cor. set on gradual S. slope, 10 ft. above swale.
- 46.50 Rolling top of ridge, bears NE. and SW., 10 ft. above the  
 $\frac{1}{4}$  sec. cor.; Thence ascend gradually along N. slope.
- 67.00 Spur, projects NW., 10 ft. above ridge; descend gradual  
SW. slope.
- 80.14 The cor. secs. 27, 28, 33, and 34, 20 ft. below spur.
- Land, rolling and mountainous with a general southeasterly  
and northwesterly exposure and drainage.
- Soil, shallow, rocky, and gravelly clay; 3rd rate.
- Volcanic formation.
- Undergrowth, dense short sagebrush and yellow top.
- No timber.
- Fair grazing land.

# SUBDIVISION OF T. 31 S., R. 1 E.

N. 0°02' W., bet. secs. 27 and 28.

Ascend gradual SW. slope of rolling mountainous land through dense undergrowth of short sagebrush and yellow top, and scattered aspen timber.

5.00 Spur, 10 ft. above cor., projects N. from the SE.; thence descend gradually along top of spur

8.70 Aspen timber becomes dense, bears SE. and SW.

24.70 Leave rolling top of spur, projects N. 15° W. from the S. Leave timber, bears E. and NW. Thence descend gradually along rolling E. slope.

38.00 Enter dense aspen timber, bears NE. and S. 10° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked,

$\frac{1}{4}$   
 S28 | S27  
 1928

From which:

An aspen, 6 ins. diam., bears N. 3° E., 31 lks. dist., marked  $\frac{1}{4}$  S27 BT.

An aspen, 6 ins. diam., bears S. 65° W., 22 lks. dist., marked  $\frac{1}{4}$  S28 BT.

Cor. set on gradual N. slope, 50 ft. below top of spur.

48.80 Leave aspen timber, bears N. 75° W. and S. 75° E.

57.30 Draw, 60 ft. below the  $\frac{1}{4}$  sec. cor., drains W.; ascend gradual S. slope.

68.00 Rolling top of spur, 30 ft. above draw, projects W.; descend gradual N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 21, 22, 27, and 28, with brass cap marked.

T31S | R1E  
 S21 | S22  
 ---  
 S28 | S27  
 1928

Deposit a trachyte, 12 x 12 x 6 ins., at base of post,



## SUBDIVISION OF T. 31 S., R. 1 E.

Chains

marked with a cross (X).

Cor. set on gradual N. slope, 25 ft. below spur.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth; dense short sagebrush and yellow top.

Timber, scattered and dense aspen on portions of mile.

Fair grazing land.

N.  $89^{\circ}55'$  E., on random line bet. secs. 22 and 27.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.20 Intersect the N. and S. line, 2 lks. N. of the cor.  
secs. 22, 23, 26, and 27.

Thence:

S.  $89^{\circ}56'$  W., on true line bet. secs. 22 and 27.

Ascend gradual NE. slope of rolling mountainous land  
through dense short undergrowth of sagebrush and  
yellow top.

2.50 Rolling top of spur, 10 ft. above cor., projects NW.;  
descend gradual SW. slope.

6.50 Road, bears N.  $30^{\circ}$  E. to Antelope Springs and S.  $30^{\circ}$  W.  
to Hay Lake:

11.60 Draw, 55 ft. below spur, drains NW.; ascend gradual NE.  
slope.

17.20 Enter dense aspen timber, bears NW. and SE.

32.40 Spur, 40 ft. above draw, projects N.  $10^{\circ}$  W. Leave timber,  
bears N. and S.  $30^{\circ}$  E. Thence descend gradual NW. slope.

40.10 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in  
the ground to solid rock and 8 ins. in a mound of  
stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S22  
 $\frac{1}{4}$   
S27

1928

Deposit a trachyte, 10 x 10 x 8 ins., at base of post,  
marked with across (X).

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

Cor. set on gradual NW. slope, 20 ft. below spur.

Continue gradual descent over rolling NW. slope.

80.20 The cor. secs. 21, 22, 27, and 28, 30 ft. below the  $\frac{1}{4}$  sec. cor.

Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen on portion of mile.

Fair grazing land.

N.  $0^{\circ}21'$  W., bet. secs. 21 and 22.

Descend gradual NW. slope of rolling mountainous land through dense undergrowth of short sagebrush and yellow top, and scattered aspen timber.

6.20 Enter dense aspen timber, bears E. and W.

10.20 Leave timber, bears NE. and SW.

17.50 Draw, 75 ft. below cor.; drains N.  $75^{\circ}$  W.; ascend gradual S. slope.

25.40 Spur, 15 ft. above draw, projects NW.; enter dense aspen timber, bears E. and W.; descend gradual NE. slope.

33.70 Descent becomes abrupt, bears S.  $80^{\circ}$  E. and N.  $80^{\circ}$  W.

37.00 Descent becomes gradual, bears E. and W.

40.00 Set an iron post, 3 ft. long; 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S21 | S22  
1928

From which:

An aspen, 10 ins. diam., bears S.  $30^{\circ}30'$  E., 59 lks.

dist., marked  $\frac{1}{4}$  S22 BT.

An aspen, 8 ins. diam., bears S.  $17^{\circ}$  W., 49 lks.

dist., marked  $\frac{1}{4}$  S21 BT.

# SUBDIVISION OF T. 31 S. R. 1 E.

Chains

1000

- Cor. set on gradual N. slope, 90 ft. below spur.
- 44.40 Bottom of draw, 20 ft. below the  $\frac{1}{2}$  sec. cor., drains N. 75° W.; ascend gradual SW. slope.
- 52.60 Leave timber and enter rolling top of bench, 55 ft. above draw, bears N. 75° W. and SE. Thence over rolling top of bench.
- 64.80 Leave rolling top of bench and descend gradual N. slope, bears N. 80° E. and S. 80° W. Enter dense aspen timber, bears E. and W.
- 74.80 Leave timber, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and 14 ins. in a mound of stone, for cor. secs. 15, 16, 21, and 22, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S16  | S15 |

|     |     |
|-----|-----|
| S21 | S22 |
|-----|-----|

1928

Deposit a trachyte, 14 x 12 x 3 ins., at base of post, marked with a cross (X).

Cor. set on gradual N. slope, 130 ft. below the top of bench.

Land, rolling and mountainous with a general northerly and southwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, scattered and dense aspen on portions of mile.

Fair grazing land.

N. 39°56' E., on random line bet. secs. 15 and 22.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.08 Intersect the N. and S. line, 9 lks. N. of the cor. secs. 14, 15, 22, and 23.

Thence:

SUBDIVISION OF T. 31 S., R. 1 E.

- Chains
- West, on true line bet. secs. 15 and 22.
- Descend gradually along rolling top of spur projecting W., through dense short undergrowth of short sagebrush and yellow top.
- 15.00 Base of W. point of spur, bears NE. and SE. Thence over rolling bottom lands of large draw from Antelope Springs.
- 20.40 The main spring of Antelope Springs, bears S.  $13^{\circ}$  E., 4.60 chs. dist. Spring is a small seep of good water, inclosed with a rock wall, on the S. edge of draw. Several other small undeveloped seeps of good water found along the bottom and side of draw to the E. of the main spring.
- 22.70 Small stream, 2 lks. wide, 1 in. deep, in bottom of draw from Antelope Springs, 125 ft. below cor., flows N.  $75^{\circ}$  W.; ascend gradually along rolling N. slope.
- 30.00 The N. point of grove of dense aspen timber.
- 32.50 Low spur, 15 ft. above draw, projects N.  $30^{\circ}$  W.; descend gradually along rolling N. slope.
- 40.04 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S15  
 $\frac{1}{4}$  —————  
 S22  
 1928

From which:

An aspen, 10 ins. diam., bears S.  $4^{\circ}35'$  E., 307 lks. dist., marked  $\frac{1}{4}$  S22 BT.

No bearing tree in sec. 15 available.

Cor. set on gradual N. slope, 10 ft. below spur.

72.00 Swale, 50 ft. below the  $\frac{1}{4}$  sec. cor., drains N., about 5.00 chs. dist. to draw; ascend gradually along N.

slope.

80.08 The cor. secs. 15, 16, 21, and 22, 10 ft. above swale.

Land, rolling and mountainous with a general northerly exposure and drainage.

# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

Soil, shallow clay and sand loam; 2nd rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

N. 0°02' W., bet. secs. 15 and 16.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

4.30 Dim road, bears E. to Antelope Springs and W. to Pollywog Lake.

6.40 Draw from Antelope Springs, 15 ft. below cor., drains W.; ascend gradual S. slope.

11.60 Spur, 35 ft. above draw, projects W.; descend gradual N. slope.

24.30 Draw, 30 ft. below spur, drains W.; ascend gradual S. slope.

33.50 Spur, 25 ft. above draw, projects W.; descend gradual NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S16 | S15

1928

Deposit a trachyte, 10 x 8 x 8 ins., at base of post, marked with a cross (K).

Cor. set on gradual NW. slope, 20 ft. below spur.

55.30 Draw, 25 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.; ascend gradual SW. slope.

70.00 Spur, 15 ft. above draw, projects W.; descend gradual N. slope.

78.50 Bottom of draw from Antelope Springs, 25 ft. below spur, drains N. 15° E.; ascend gradually along rolling E. slope.

SUBDIVISION OF T131S., R. 1 E.

30.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 9, 10, 15, and 16, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S9   | S10 |
| S16  | S15 |

1928

Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Cor. set on W. side of bottom of draw from Antelope Springs.

Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

East, on random line bet. secs. 10 and 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 10, 11, 14, and 15.

Thence:

S.  $89^{\circ}58'$  W., on true line bet. secs. 10 and 15.

Descend gradual N. slope of rolling mountainous land through dense undergrowth of sagebrush and yellow top.

20.00 Enter rolling top of ridge, bears W. and S.  $75^{\circ}$  E.; thence along rolling top of ridge.

24.20 Road, bears N.  $15^{\circ}$  E. to Bicknell, Utah and S.  $15^{\circ}$  W. to Antelope Springs.

35.00 Leave rolling top of rolling top of ridge, bears E. and N.  $55^{\circ}$  W.; descend gradual SW. slope.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S10

S15

1928

Chains

Deposit a trachyte, 15 x 15 x 10 ins. at base of post, marked with a cross (X).  
Cor. set on gradual SW. slope, 60 ft. below sec. cor.  
51.80 Swale, 20 ft. below the  $\frac{1}{4}$  sec. cor., drains S.; ascend gradual E. slope.  
70.00 Rolling top of spur, 20 ft. above swale, projects S. 20° W.; descend gradual W. slope.  
79.00 Bottom of draw from Antelope Springs, 45 ft. below spur, drains N. 10° E.; ascend gradual W. slope.  
80.10 The cor. secs. 9, 10, 15, and 16, 10 ft. above draw. Land, rolling and mountainous with a general westerly exposure and drainage. Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation. Undergrowth, dense short sagebrush and yellow top. No. timber. Fair grazing land.  
  
N. 0° 02' W., bet. secs. 9 and 10. Ascend gradually along rolling E. slope of mountainous land through dense short undergrowth of sagebrush and yellow top.  
8.00 Small draw from the W., drains E., 1.50 chs. dist. to junction with draw from Antelope Springs.  
23.80 Spur, 35 ft. above cor., projects E.; descend gradual N. slope.  
33.20 Draw, 15 ft. below spur, drains SE.; ascend gradual SW. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.  
  
89 | 810  
1928  
Deposit a trachyte, 16 x 6 x 6 ins., at base of post, marked with a cross (X).

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

No other suitable accessories available.

Cor. set on gradual SW. slope, 20 ft. above draw.

55.00 Rolling top of ridge, 20 ft. above the  $\frac{1}{4}$  sec. cor.,  
bears NE. and SW.; descend gradual NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 3, 4, 9, and 10, with brass  
cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S4   | S3  |
| S9   | S10 |

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Cor. set on gradual NW. slope, 40 ft. below ridge.

Land, rolling and mountainous with a general northeasterly  
and southwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

N.  $89^{\circ}58'$  E., on random line bet. secs. 3 and 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect the N. and S. line, 12 lks. N. of the cor.  
secs. 2, 3, 10, and 11.

Thence:

N.  $89^{\circ}57'$  W., on true line bet. secs. 3 and 10.

Ascend gradual NE. slope of rolling mountainous land  
through dense short undergrowth of sagebrush and  
yellow top.

4.00 Spur, 10 ft. above cor., projects NW.; descend gradual  
SW. slope.

11.60 Draw from Antelope Springs, 40 ft. below spur, drains N.;  
ascend gradual SE. slope.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in



SUBDIVISION OF T. 31 S., R. 1 E.

Chains

the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

83

810

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Cor. set on rolling top of spur, 85 ft. above draw, projects S.; descend gradual W. slope.

50.50 Swale, 20 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend gradual E. slope.

67.50 Spur, 35 ft. above swale, projects N.; descend gradual W. slope.

80.10 The cor. secs. 3, 4, 9, and 10, 15 ft. below spur.  
Land, rolling and mountainous with a general easterly and westerly exposure and drainage.  
Soil, shallow, rocky, and gravelly clay; 3rd rate.  
Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

N.  $0^{\circ}02'$  W., bet. secs. 3 and 4.

Descend gradual NW. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

18.40 Bottom of wide swale, 40 ft. below cor., drains NE.; ascend gradually over rolling S. slope.

37.00 Rolling top of spur, 20 ft. above swale, projects NE.; descend gradual N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

84 | 83

1928

Deposit a trachyte, 3 x 2 x 2 ins., at base of post, marked with a cross (X).

TO INDIVIDUALS  
SUBDIVISION OF T. 31 S., R. 1 E.

- No other suitable accessories available.
- Cor. set on gradual N. slope, 10 ft. below spur.
- 51.80 Swale, 15 ft. below the 1<sup>st</sup> sec. cor., drains N. 65° E.; ascend gradual S. slope.
- 72.00 Rolling top of ridge, 40 ft. above swale, bears NE. and SW.; descend gradual NW. slope.
- 80.00 Swale, 10 ft. below ridge, drains NE.; ascend gradual SE. slope.
- 88.50 Rolling top of spur, 15 ft. above swale, projects E.; descend gradual N. slope.
- 103.65 Intersect the Sixth Standard Parallel South, West, 15.50 chs. dist. from the standard cor. secs. 34 and 35, T. 30 S., R. 1 E., which is an iron post, 3 ins. diam., firmly set, extending 9 ins. above the ground, with brass cap marked.

|      |     |
|------|-----|
| T30S | R1E |
| S34  | S35 |

1915

Cor. witnessed to the N. by a mound of stone, 3 ft. base, 2 ft. high.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 3 and 4, T. 31 S., R. 1 E., with brass cap marked.

|      |     |
|------|-----|
| T30S | R1E |
| S34  |     |

|      |     |
|------|-----|
| S4   | S3  |
| T31S | R1E |
| C    | C   |
| 1928 |     |

Deposit a trachyte 3 x 2 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

From this cor., the U.S. Geological Survey triangulation station, Cameron Fort, bears N. 30°14' E.

Bearing taken to a large mound of stone on top of a prominent knoll.

SUBDIVISION OF, T. 31 S., R. 1 E.

| Chains |   |
|--------|---|
|        | <p>Closing cor. set on gradual N. slope, 20 ft. below spur.</p> <p>Land, rolling and mountainous with a general northeasterly exposure and drainage.</p> <p>Soil, shallow, rocky, and gravelly clay; 3rd rate.</p> <p>Undergrowth, dense short sagebrush and yellow top.</p> <p>No timber.</p> <p>Fair grazing.</p> |
|        | <p>From the cor. secs. 32 and 33, on the S. bdy. of the township, heretofore described.</p> <p>N. 0°03' W., bet. secs. 32 and 33.</p> <p>Descend gradual N. slope of rolling mountainous land through dense aspen timber and dense short undergrowth of sagebrush and yellow top.</p>                               |
| 10.00  | Leave aspen, bears E. and W.  |
| 14.00  | Enter dense aspen timber, bears E. and W.   |
| 17.00  | Leave aspen, bears E. and W.  |
| 19.00  | Draw, 100 ft. below cor., drains W. to Lost Spring; ascend gradual S. slope.  |
| 35.50  | Spur, 60 ft. above draw, projects SW.; descend gradual NW. slope.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.   |
|        | <div style="text-align: center;"> <math>\frac{1}{4}</math><br/> S32   S33<br/> 1928 </div>  |
|        | <p>Deposit a trachyte, 8 x 7 x 6 ins., at base of post, marked with a cross (X).</p> <p>No other suitable accessories available.</p> <p>Cor. set on gradual W. slope, 15 ft. below top of spur.</p>   |
| 43.30  | Enter W. point of dense aspen timber, bears E. and W.   |
| 45.80  | Leave aspen timber, bears NE. and SW.   |
| 47.00  | Draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradual SE. slope.   |

SUBDIVISION OF T. 31 S., R. 1 E.

- 47.90 The center of circular pole corral, bears E. 3.50 chs. dist.
- 55.10 Enter dense aspen timber, bears E. and W.
- 73.00 From this point a circular pole corral, located about 6.50 chs. SW. of Lost Spring, bears S. 39°30' W. From same point, a large mound of stone and parts of a large flag point, used by U.S. Forest Service and designated Hill No. 13, is located on top of Lost Spring Knoll, bears N. 63°10' W., 2.53 chs. dist.
- 73.50 Top of ridge and point on E. slope of Lost Spring Knoll, 170 ft. above draw, bears E. and W.; descend gradual N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 28, 29, 32, and 33, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S29  | S28 |
| S32  | S33 |
| 1928 |     |

From which:

An aspen, 4 ins. diam., bears N. 32° E., 11 lks. dist., marked T31S R1E S28 BT.

An aspen, 4 ins. diam., bears S. 47° E., 27 lks. dist., marked T31S R1E S33 BT.

An aspen, 5 ins. diam., bears S. 39° W., 17 lks. dist., marked T31S R1E S32 BT.

An aspen, 4 ins. diam., bears N. 14° W., 13 lks. dist., marked T31S R1E S29 BT.

Cor. set on gradual N. slope in dense aspen timber, 60 ft. below top of ridge.

Land, rolling and mountainous with a general southerly and northerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen on portions of mile. Fair grazing land

SUBDIVISION OF T. 31 S., R. 11 E.  
S. 1 S. E. 1 E. T. 30 NORTH DIVISION

| Chains | Remarks  |
|--------|--|
|        | East, from random line bet. sec. 28 and 33, 100 yds. east of cor. 24.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 79.96  | Intersect the N. and S. line, 26 <sup>th</sup> lks. NW of the cor. of secs. 27, 28, 33, and 34. 100.85   |
|        | Thence: N. 89° 49' W., on true line bet. sec. 28 and 33.   |
|        | Descend gradual W. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.  |
| 15.40  | Bottom of swale, 80 ft. below cor., drains N.; ascend gradually over rolling E. slope.   |
| 39.98  | Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked. |
|        | <div style="display: inline-block; text-align: right;">           628<br/> <math>\frac{1}{4}</math> —————<br/>           833<br/>           1928         </div>    |
|        | From which:  |
|        | An aspen, 8 ins. diam., bears S. 35° W., 113 lks. dist., marked $\frac{1}{4}$ S33 BT.  |
|        | An aspen, 8 ins. diam., bears N. 88° W., 700 lks. dist., marked $\frac{1}{4}$ S28 BT.  |
|        | Cor. set on gradual E. slope, 60 ft. above swale.  |
| 47.00  | Enter dense aspen timber, bears SE. and NW.  |
| 60.00  | Rolling top of spur, 50 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradual W. slope.  |
| 61.00  | Leave timber, bears N. and S.  |
| 63.50  | Bottom of open swale near head, 10 ft. below spur, drains N.; ascend gradual NE. slope of Lost Spring Knoll.   |
| 67.50  | Enter dense aspen timber, bears N. and S.  |
| 79.96  | The cor. sec. 28, 29, 32, and 33, 40 ft. above swale.  |
|        | Land, rolling and mountainous with a general northwesterly exposure and drainage.  |
|        | Soil, shallow, rocky, and gravelly clay; 3rd rate.   |
|        | Volcanic formation.  |

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

Undergrowth, dense short sagebrush and yellow top.  
Timber, dense aspen on portion of mile.  
Fair grazing land.

N. 0°03' W., bet. secs. 28 and 29:

Descend gradually over N. slope of Lost Spring Knoll  
through dense aspen timber and dense short undergrowth  
of sagebrush and yellow top.

5.00 Base of Lost Spring Knoll, bears NW. and SE.; continue  
gradual descent.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in  
the ground to solid rock and 12 ins. in a mound of  
stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S29 | S28  
 1928

From which:

An aspen, 8 ins. diam., bears N. 30° E., 5 lks.  
dist., marked  $\frac{1}{4}$  S28 BT.

An aspen, 6 ins. diam., bears S. 60°30' W., 18 lks.  
dist., marked  $\frac{1}{4}$  S29 BT.

Cor. set on gradual N. slope, 150 ft. below sec. cor.

61.00 Leave aspen timber, bears NW. and SE.

69.50 Enter dense aspen, bears N. 60° W. and S. 60° E.

75.00 Leave timber, bears E. and W.

78.60 Draw, 95 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 70° W.;  
ascend gradual S. slope.

79.25 Ditch, 5 lks. wide, 10 ins. deep; drains NW. from the  
SE. Ditch used to carry flood water from last mentioned  
draw, to a small reservoir located about 10 chains to  
the NW. of this point.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in  
the ground to solid rock and 24 ins. in a mound of  
stone, for cor. secs. 20, 21, 28, and 29, with brass  
cap marked.

# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

|      |     |
|------|-----|
| T31S | R1E |
| S20  | S21 |
| S29  | S28 |

1928

From which:

An aspen, 8 ins. diam., bears N. 1°30' E., 417 lks.  
dist., marked T31S R1E S21 BT.

An aspen, 8 ins. diam., bears S. 1° E., 501 lks.  
dist., marked T31S R1E S28 BT.

An aspen, 8 ins. diam., bears S. 1° W., 509 lks.  
dist., marked T31S R1E S29 BT.

An aspen, 8 ins. diam., bears N. 3°15' W., 418 lks.  
dist., marked T31S R1E S20 BT.

Cor. set on gradual SW. slope, 10 ft. above draw.

Land, rolling and mountainous with a general northerly  
exposure and drainage.

Soil, shallow, rocky, black mountain loam; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen on portion of mile.

Fair grazing land.

S. 89°49' E., on random line bet. secs. 21 and 28.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect the N. and S. line, 9 lks. S. of the cor.  
secs. 21, 22, 27, and 28.

Thence:

N. 89°53' W., on true line bet. secs. 21 and 28.

Descend gradually along rolling N. slope of mountainous  
land through scattered aspen timber and dense short  
undergrowth of sagebrush and yellow top.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in  
the ground to solid rock and 18 ins. in a mound of  
stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |
|---------------|
| S21           |
| $\frac{1}{4}$ |
| S28           |
| 1928          |

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

From which:

A lone aspen, 8 ins. diam., bears S.  $47^{\circ}$  W., 75 lks. dist., marked  $\frac{1}{4}$  S2S BT.

No other suitable bearing trees available.

Cor. set on rolling top of spur, 30 ft. below sec. cor., projects W. from S.  $70^{\circ}$  E.; thence continue gradual descent along top of spur.

62.70 Leave rolling top of spur, projects N.  $60^{\circ}$  W. from the E. Aspen timber becomes dense, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.; thence descend gradual SW. slope.

73.50 Leave timber, bears NW. and SE.

79.96 The cor. secs. 20, 21, 22, and 23, 60 ft. below the  $\frac{1}{4}$  sec. cor.

Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, scattered and dense aspen on portions of mile.

Fair grazing land.

N.  $0^{\circ}03'$  W., bet. secs. 20 and 21.

Ascend gradual S. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

4.20 Enter dense aspen timber, bears NW. and SE.

5.50 Rolling top of spur, 15 ft. above cor., projects W.; descend gradual N. slope.

11.70 Leave timber, bears NE. and S.  $30^{\circ}$  W.

16.00 Bottom of swale, 10 ft. below spur, drains S.  $60^{\circ}$  W.; ascend gradual S. slope.

30.00 Rolling top of ridge, 30 ft. above swale, bears E. and W.; descend gradual N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



Chains

BRIDGE

$\frac{1}{2}$   
 S20 S21  
 1928

Deposit a volcanic stone, 8 x 8 x 6 ins., at base of post marked with a cross (X).

Cor. set on gradual NW. slope, 35 ft. below ridge.

16.00 Dia wagon road, bears E. to Antelope Springs and W. to Pollywog Lake.

30.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 16, 17, 20, and 21, with brass cap marked.

T31S R1E  
 S17 S16  
 S20 S21  
 1928

Deposit a trachyte, 10 x 6 x 6 ins., at base of post, marked with a cross (X).

Cor. set in swale, 130 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.

Land, rolling and mountainous with a general northerly and southerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen on portion of mile.

Fair grazing land.

3. 89°31' E., on random line bet. secs. 16 and 21.

40.00 Set tern.  $\frac{1}{4}$  sec. cor.

79.92 Intersect the N. and S. line, 2 lks. N. of the cor. secs. 16, 17, 21, and 22.

Thence:

N. 89°52' W., on true line bet. secs. 16 and 21.

Ascend gradually along rolling N. slope of mountainous land through dense short undergrowth of sagebrush and yellow top.

SUBDIVISION OF T. 31 S., R. 1 E.

- 16.00 The N. point of grove dense aspen timber, bears S.,  
50 lks. dist.
- 21.00 Spur, 20 ft. above cor., projects NW.; descend gradual  
SW. slope.
- 25.10 Dim wagon road, bears N. 60° E. to Antelope Springs and  
S. 60° W. to Pollywog Lake.
- 39.96 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in  
the ground to solid rock and 18 ins. in a mound of  
stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- S16  
 $\frac{1}{4}$  —————  
S21  
1928
- Deposit a trachyte, 10 x 10 x 8 ins., at base of post,  
marked with a cross (X).
- Cor. set on rolling N. slope, 20 ft. below spur,
- 55.20 Draw, 40 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend  
gradual NE. slope.
- 65.00 Ridge which forms the divide bet. the E. and W. drainage,  
10 ft. above draw, bears N. 20° W. and S. 20° E.;  
descend gradual SW. slope.
- 79.92 The cor. secs. 16, 17, 20, and 21, 10 ft. below ridge.  
Land, rolling and mountainous with a general northerly  
exposure and drainage.  
Soil, shallow, rocky, and gravelly clay; 3rd rate.  
Volcanic formation.  
Undergrowth, dense short sagebrush and yellow top.  
Timber, dense aspen to the S. of the line.  
Fair grazing land.
- 
- N. 0°03' W., bet. secs. 16 and 17.  
Ascend gradual S. slope of rolling mountainous land  
through dense short undergrowth of sagebrush.
- 15.00 Base of gradual ascent over SE. slope of spur, bears  
NE. and SW.
- 21.80 Enter dense aspen timber, bears E. and W.

SUBDIVISION OF T. 31 S., R. 1 E.  
S. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

| Chains |  |
|--------|--|
| 22.00  | Spur, 90 ft. above cor., projects W.; descend gradual N. slope.  |
| 24.00  | Leave timber, bears E. and W.  |
| 29.90  | Draw near head, 20 ft. below spur, drains W.; ascend gradual S. slope.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked. <div><div><div><div>T31S</div><div>S8</div></div><div><div>S17</div><div>1928</div></div></div><div><div>R1E</div><div>S9</div></div><div><div>S16</div><div>1928</div></div></div>      |
|        | Deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked with a cross (X).  |
|        | Cor. set on gradual S. slope, 20 ft. above draw.   |
| 41.50  | Spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects W.; descend gradually along W. slope.   |
| 63.00  | Swale, 35 ft. below spur, drains S. 65° W.; ascend gradual SE. slope.  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 8, 9, 16, and 17, with brass cap marked. <div><div><div><div>T31S</div><div>S8</div></div><div><div>S17</div><div>1928</div></div></div><div><div>R1E</div><div>S9</div></div><div><div>S16</div><div>1928</div></div></div> |
|        | Deposit a trachyte, 12 x 10 x 8 ins., at base of post, marked with a cross (X).  |
|        | Cor. set on gradual SE. slope of ridge, near top, 25 ft. above swale.  |
|        | Land, rolling and mountainous with a general westerly exposure and drainage.   |
|        | Soil, shallow, rocky, and gravelly clay; 3rd rate.   |
|        | Volcanic formation.  |
|        | Timber, dense aspen on portion of mile.  |
|        | Undergrowth, dense short sagebrush and yellow top.   |
|        | Fair grazing land.   |

## SUBDIVISION OF T. 31 S., R. 1 E.

On chain

S.  $89^{\circ}52'$  E., on random line bet. secs. 9 and 16.40.00 Set temp.  $\frac{1}{4}$  sec. cor.79.94 Intersect the N. and S. line, 7 lks. S. of the cor.  
secs. 9, 10, 15, and 16.

Thence:

N.  $89^{\circ}55'$  W., on true line bet. secs. 9 and 16.Ascend gradual E. slope of rolling mountainous land  
through dense short undergrowth of sagebrush and  
yellow top.26.80 Rolling top of spur, 90 ft. above cor., projects S.  $15^{\circ}$  W.;  
descend gradual W. slope.35.00 Bottom of swale, 10 ft. below spur, drains S.  $15^{\circ}$  W.;  
ascend gradual E. slope.39.97 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in  
the ground to solid rock and 10 ins. in a mound of  
stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S9

 $\frac{1}{4}$ 

816

1928

Deposit a trachyte, 20 x 16 x 14 ins., at base of post,  
marked with a cross (X).

Cor. set on gradual E. slope, 15 ft. above swale.

47.50 Rolling top of ridge which forms the divide bet. the E.  
and W. drainage, 20 ft. above the  $\frac{1}{4}$  sec. cor., bears  
N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W.; descend gradual NW. slope.68.00 Bottom of swale, 40 ft. below divide, drains N.  $20^{\circ}$  E.;  
ascend gradual E. slope.79.94 The cor. secs. 8, 9, 16, and 17, 20 ft. above swale.  
Land, rolling and mountainous with a general easterly  
and westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

SUBDIVISION OF T. 31 S., R. 1 E.

Onains

SW1/4

N. 0°03' W., bet. secs. 8 and 9.

Ascend gradual SE. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

4.00 Rolling top of ridge, 10 ft. above cor., bears NE. and SW.; descend gradual NW. slope.

25.00 Bottom of swale, 20 ft. below ridge, drains SW.; ascend gradual SE. slope.

35.00 Rolling top of spur, 10 ft. above swale; projects SW.; descend gradual NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

88 | 89  
1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. set on gradual NW. slope, 15 ft. below spur.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 4, 5, 8, and 9, with brass cap marked.

T318 | RLE  
85 | 84  
88 | 89  
1928

Deposit a trachyte, 16 x 14 x 6 ins., at base of post, marked with a cross (X).

Cor. set at head of swale, 60 ft. below the  $\frac{1}{4}$  sec. cor., drains S. 80° W.

Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top. No timber.

Fair grazing land.

15  
SUBDIVISION OF T. 31 S., R. 1 E.

Chains

- S.  $89^{\circ}55'$  E., on random line bet. secs. 4 and 9.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.80 Intersect the N. and S. line, 7 lks. S. of the cor.  
secs. 3, 4, 9, and 10.
- Thence:
- N.  $89^{\circ}58'$  W., on true line bet. secs. 4 and 9.
- Descend gradual NW. slope of rolling mountainous land  
through dense short undergrowth of sagebrush and  
yellow top.
- 17.20 Draw, 20 ft. below cor., drains NE.; ascend gradual SE.  
slope.
- 32.50 Rolling top of ridge which forms the divide bet. the  
E. and W. drainage, 40 ft. above draw, bears N. and S.  
descend gradual SW. slope.
- 39.90 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in  
the ground to solid rock and 18 ins. in a mound of stone,  
for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\begin{array}{r} 84 \\ \frac{1}{4} \quad \hline 89 \\ 1928 \end{array}$$
- Deposit a trachyte, 24 x 15 x 10 ins., at base of post,  
marked with a cross (X).
- Cor. set on gradual SW. slope, 10 ft. below divide.
- 42.30 Bottom of swale near head, 10 ft. below the  $\frac{1}{4}$  sec. cor.,  
drains SE.; ascend gradual NE. slope.
- 50.00 Rolling top of ridge, 10 ft. above swale, bears N.  $30^{\circ}$  E.  
and S.  $30^{\circ}$  W.; descend gradual W. slope.
- 79.80 The cor. secs. 4, 5, 8, and 9, 50 ft. below ridge.
- Land, rolling and mountainous with a general easterly  
and westerly exposure and drainage.
- Soil, shallow, rocky, and gravelly clay; 3rd rate.
- Volcanic formation.
- Undergrowth, dense short sagebrush and yellow top:
- No timber.
- Fair grazing land.

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

N.  $0^{\circ}03'$  W., bet. sec. 4 and 5.

Ascend gradual SW. slope of rolling mountain land through dense short undergrowth of sagebrush and yellow top.

15.00 Spur, 20 ft. above cor., projects N.  $70^{\circ}$  W.; descend gradual N. slope.

23.50 Bottom of swale, 20 ft. below spur, drains N.  $75^{\circ}$  W.; ascend gradual SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 95 | 94  
 1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Cor. set on gradual SW. slope, 35 ft. above swale.

50.00 Spur, 10 ft. above the  $\frac{1}{4}$  sec. cor., projects W.; descend gradual N. slope.

65.00 Bottom of swale near head, 15 ft. below spur, drains S.  $35^{\circ}$  W.; ascend gradual SE. slope.

77.50 Rolling top of spur, 15 ft. above swale, projects SW.; descend gradual NW. slope.

88.50 Bottom of draw, 45 ft. below spur, drains W.; ascend gradual S. slope.

94.00 The W. point of spur, 45 ft. above draw; descend gradual NW. slope.

103.63 Intersect the Sixth Standard Parallel South, West, 15.20 chs. dist. from the standard cor. sec. 33 and 34, T. 30 S., R. 1 E., which is an iron post, 3 ins. diam., extending 10 ins. above the ground, firmly set, with brass cap marked.

T30S | R1E  
 S33 | S34

1915

Cor. witnessed to the N. by a mound of stone, 3 ft. base, 2 ft. high.

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone, for closing cor. secs. 4 and 5, T. 31 S., R. 1 E., with brass cap marked:

T308 R1E  
S33

|      |     |
|------|-----|
| S5   | S4  |
| T31S | R1E |
| C    | C   |

1928

Deposit a volcanic stone, 10 x 8 x 8 ins., at base of post, marked with a cross (X).

From this cor., the U.S. Geological Survey triangulation station, Cameron Fort, bears N. 42°39' E.,

Bearing taken to a large mound of stone on the top of a prominent bare knoll.

Closing cor. set on gradual NW. slope, 40 ft. below spur. Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation.

Undergrowth, dense short sagebrush and yellow top. No timber.

Fair grazing land.

From the cor. secs. 31 and 32, on the S. bdy. of the township, heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Ascend gradual S. slope of rolling mountainous land through dense aspen and scattered spruce timber and dense undergrowth of short sagebrush and yellow top.

14.50 Rolling top of ridge, 45 ft. above cor., bears E. and W.; descend gradual N. slope.

21.50 Draw, 65 ft. below ridge, drains W.; ascend gradual S. slope.

23.00 Intersect an aspen, 15 ins. diam., which I mark with



# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

- with two notches on N. and S. faces for line tree.
- 30.00 Spur, 15 ft. above draw, projects W.; descend gradual NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |     |
|---------------|-----|
| $\frac{1}{4}$ |     |
| S31           | S32 |
| 1928          |     |

From which:

- An aspen, 6 ins. diam., bears N.  $14^{\circ}$  E., 34 lks. dist., marked  $\frac{1}{4}$  S32 BT.
- An aspen, 6 ins. diam., bears N.  $73^{\circ}$  W., 9 lks. dist., marked  $\frac{1}{4}$  S31 BT.
- Cor. set on gradual NW. slope, 65 ft. below spur.
- 54.30 Leave timber, bears E. and W.
- 77.00 Enter dense aspen timber, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and 22 ins. in a mound of stone, for cor. secs. 29, 30, 31, and 32, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S30  | S29 |
| S31  | S32 |
| 1928 |     |

From which:

- An aspen, 10 ins. diam., bears N.  $56^{\circ}$  E., 44 lks. dist., marked T31S R1E S29 BT.
- An aspen, 10 ins. diam., bears S.  $53^{\circ}30'$  E., 28 lks. dist., marked T31S R1E S32 BT.
- An aspen, 12 ins. diam., bears S.  $30^{\circ}30'$  W., 30 lks. dist., marked T31S R1E S31 BT.
- An aspen, 10 ins. diam., bears N.  $16^{\circ}30'$  W., 25 lks. dist., marked T31S R1E S30 BT.
- Cor. set on gradual N. slope, near E. edge of timber, 170 ft. below the  $\frac{1}{4}$  sec. cor.

# SUBDIVISION OF T. 31 S., R. 1 E.

## Chains

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen and scattered spruce.

Fair grazing land.

East, on random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.90 Intersect the N. and S. line, 19 lks. S. of the cor.  
secs. 28, 29, 32, and 33.

Thence:

S.  $89^{\circ}52'$  W., on true line bet. secs. 29 and 32.

Ascend gradually along gradual N. slope of Lost Spring Knoll, through dense aspen timber and dense undergrowth of short sagebrush and yellow top.

3.30 Top of ascent on N. slope of Lost Spring Knoll, 10 ft.  
above cor., bears N. and S.; descend gradual NW. slope.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with cross cap marked.

$\frac{1}{4}$   $\frac{S29}{S32}$

1928

From which:

An aspen, 10 ins. diam., bears N.  $81^{\circ}$  E., 232 lks.  
dist., marked  $\frac{1}{4}$  S29 BT.

An aspen, 8 ins. diam., bears S.  $1^{\circ}30'$  W., 179 lks.  
dist., marked  $\frac{1}{4}$  S32 BT.

Cor. set on gradual SW. slope, 150 ft. below top of  
ascent.

48.65 From this point, a corral which is about 6.50 chs. SW.  
of Lost Spring, bears S.  $7^{\circ}30'$  E.

52.70 Leave timber, bears N. and S.

# SUBDIVISION OF T. 31 S., R. 1 E.

Chains

69.40 Draw from Lost Spring, 160 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend gradual E. slope.

78.60 Enter dense aspen timber, bears N. and S.

79.90 The cor. secs. 29, 30, 31, and 32, 30 ft. above draw. Land, rolling and mountainous with a general westerly and easterly exposure and drainage.

Soil, shallow, rocky, clay, and gravel; 3rd rate.

Volcanic formation.

Undergrowth; dense short sagebrush and yellow top.

Timber, dense aspen on portions of mile.

Fair grazing land.

West, on random line bet. secs. 30 and 31.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

77.66 Intersect the W. bdy. of the township (Salt Lake Meridian) 7 lks. N. of the cor. secs. 30 and 31, which is an iron post, 3 ins. diam., firmly set, extending 10 ins. above the ground, with brass cap marked.

|      |     |      |  |
|------|-----|------|--|
|      |     | T31S |  |
|      | RLW | RL E |  |
|      |     | S30  |  |
| S 25 |     |      |  |
|      |     | S31  |  |
| S 36 |     |      |  |
|      |     | 1915 |  |

From which:

An aspen, 7 ins. diam., bears N.  $31^{\circ}15'$  E., 536 lks. dist., plainly marked T31S RL E S30 BT.

An aspen, 8 ins. diam., bears S.  $76^{\circ}$  E., 754 lks. dist., plainly marked T31S RL E S31 BT.

Thence:

N.  $89^{\circ}57'$  E., on true line bet. secs. 30 and 31.

Ascend gradual E. slope of rolling mountainous land through dense short undergrowth of short sagebrush and yellow top.

12.40 Enter dense aspen and scattered spruce timber, bears N.  $60^{\circ}$  W. and S.

16.00 Rocky volcanic spur, 30 ft. above cor., projects N.  $10^{\circ}$  W.;

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

descend abrupt E. slope.

18.00 Descent becomes gradual, bears N. 20° W. and S. 20° E.

23.30 Draw, 90 ft. below spur, drains N. 30° W. from Lost Spring; ascend gradual W. slope.

37.66 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S30}{S31}$

1928

From which:

An aspen, 8 ins. diam., bears S. 27°30' W., 50 lks. dist., marked  $\frac{1}{4}$  S31 BT.

An aspen, 5 ins. diam., bears N. 34°30' W., 72 lks. dist., marked  $\frac{1}{4}$  S30 BT.

Cor. set on gradual W. slope at base of abrupt ascent, 125 ft. above draw, bears N. and S.

46.00 Ascent becomes gradual, bears N. and S.

51.70 Rolling top of spur, 215 ft. above the  $\frac{1}{4}$  sec. cor., projects S. 20° W.; descend gradual E. slope.

65.00 Descent becomes abrupt, bears N. 20° E. and S. 20° W.

70.30 Bottom of rocky draw, 175 ft. below spur, drains S. 35° W.; ascend abrupt NW. slope. (Same draw as last).

72.70 Ascent becomes gradual, bears N. and S.

77.66 The cor. secs. 29, 30, 31, and 32, 70 ft. above draw: Land, rolling and mountainous with a general easterly and westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen and scattered spruce on portions of mile.

Fair grazing land.

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

N. 0°03' W., bet. secs. 29 and 30.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top and dense aspen and spruce timber.

8.40 Draw, 60 ft. below cor., drains S. 30° W. from Lost Spring; ascend gradual SE. slope.

26.30 Aspen timber becomes more dense, bears E. and W.

39.30 Top of ascent on E. slope of knoll, 165 ft. above draw, bears E. and W.; descend gradual NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S30 | S29  
1928

From which:

An aspen, 5 ins. diam., bears N. 48°30' E., 26 lks. dist., marked  $\frac{1}{4}$  S29 BT.

An aspen, 4 ins. diam., bears N. 53° W., 42 lks. dist., marked  $\frac{1}{4}$  S30 BT.

Cor. set on gradual NE. slope of knoll at the NE. edge of small opening in the timber, 10 ft. below top of ascent on E. slope of knoll.

47.55 Leave timber, bears N. 30° W. and S. 30° E.

53.70 Bottom of open swale, 65 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 60° E.; ascend gradual SE. slope.

58.70 Enter dense aspen timber, bears NE. and SW.

70.00 Leave aspen timber, bears E. and W.

77.00 Rolling top of spur, 50 ft. above swale, projects E.; descend gradual N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone, for cor. secs. 19, 20, 29, and 30, with brass cap marked.

SUBDIVISION OF T. 31 S., R. 1 E.

|      |     |
|------|-----|
| T31S | R1E |
| S19  | S20 |
| S30  | S29 |

1928

From which:

An aspen, 8 ins. diam., bears N. 70° E., 41 lbs.  
dist., marked T31S R1E S20 BT.

An aspen, 10 ins. diam., bears S. 80° E., 125 lbs.  
dist., marked T31S R1E S29 BT.

An aspen, 10 ins. diam., bears S. 40° W., 125 lbs.  
dist., marked T31S R1E S30 BT.

An aspen, 10 ins. diam., bears N. 20° W., 114 lbs.  
dist., marked T31S R1E S19 BT.

Cor. set on gradual W. slope, 10 ft. below spur.

Land, rolling and mountainous with a general easterly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; low rate.

Undergrowth, dense short sagebrush and yellow top.

Timber, dense aspen and spruce on portions of hill.

Fair grazing land.

N. 82°-21' E., on random line bet. sec. 20 and 22.

40.00 Set temp. 1 sec. cor.

79.92 Intersect the N. and S. line, 9 lbs. N. of the cor.  
secs. 20, 21, 23, and 22.

Thence:

S. 89°50' W., on true line bet. secs. 20 and 22.

Descend gradual W. slope of rolling mountainous land  
through dense short undergrowth of sagebrush and  
yellow top.

0.80 Ditch, 5 lbs. wide, 1 ft. deep, drains NW.

2.6~ Wash, 10 lbs. wide, 2 ft. deep, drains N. 50° W.

12.60 Recross same wash, drains S. 70° W.

17.70 Recross same wash, drains N. 60° W.

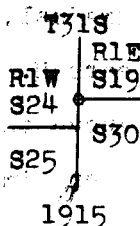
19.70 Recross same wash, in bottom of swale, 20 ft. below cor.  
drains SW.; ascend gradual SE. slope.

SUBDIVISION OF T. 31 S., R. 1 E.

- 30.20 Spur, 25 ft. above swale, projects S.; descend gradual W. slope.
- 39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\begin{array}{r} 820 \\ - \frac{1}{4} \\ \hline 829 \\ 1928 \end{array}$$
- Deposit a trachyte, 10 x 10 x 10 ins., at base of post, marked with a cross (X).
- No other suitable accessories available.
- Cor. set on gradual W. slope, 20 ft. below spur.
- 41.50 Bottom of swale, 10 ft. below the  $\frac{1}{4}$  sec. cor., drains S.; ascend gradual E. slope.
- 49.00 The S. point of rolling spur, 10 ft. above swale; descend gradual W. slope.
- 57.00 Bottom of swale, 10 ft. below point of spur, drains SW.; ascend gradually along rolling N. slope.
- 76.70 Enter dense aspen, bears N. and S.
- 78.40 Leave aspen, bears N. and S.
- 79.92 The cor. secs. 19, 20, 29, and 30, 65 ft. above swale.
- Land, rolling and mountainous with a general westerly and northerly exposure and drainage.
- Soil, shallow, rocky, and gravelly clay; 3rd rate.
- Undergrowth, dense short sagebrush and yellow top.
- Timber, dense aspen on W. portion of mile.
- Fair grazing land.
- 
- S. 89°57' W., on random line bet. secs. 19 and 30.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 77.61 Intersect the W. bdy. of the township (Salt Lake Meridian) 2 lks. N. of the cor. secs. 19 and 30, which is an iron post, 3 ins. diam., firmly set, extending 9 ins. above the ground, with brass cap marked.

SEBDDIVISION OF T. 31 S., R. 1 E.

Chains



From which:

An aspen, 8 ins. diam., bears N.  $58^{\circ}15'$  E., 106 lks. dist., marked T31S R1E S19 BT.

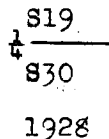
An aspen, 11 ins. diam., bears S.  $34^{\circ}15'$  E., 98 lks. dist., marked T31S R1E S30 BT.

Thence:

N.  $89^{\circ}56'$  E., on true line bet. secs. 19 and 30.

Ascend gradual W. slope of rolling mountainous land through dense aspen and spruce timber and dense undergrowth of sagebrush and yellow top.

- 4.80 Leave timber, bears N. and S.
- 14.50 Rolling top of spur, 60 ft. above cor., projects NW.; descend gradual NE. slope.
- 25.50 Swale, 15 ft. below spur, drains N.; ascend gradual W. slope.
- 34.60 Enter dense aspen and spruce timber, bears N. and S.
- 37.61 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which:

An aspen, 6 ins. diam., bears S.  $1^{\circ}$  W., 31 lks. dist., marked  $\frac{1}{4}$  S30 BT.

An aspen, 8 ins. diam., bears N.  $2^{\circ}$  W., 9 lks. dist., marked  $\frac{1}{4}$  S19 BT.

Cor. set on gradual W. slope in dense timber, 75 ft. above swale.

- 38.60 Ascent becomes abrupt, bears N. and S.



SUBDIVISION OF T. 31 S., R. 1 E.

Chains

- 40.60 Ascent becomes gradual, bears N. and S.
- 55.20 Leave timber, bears N. and S.
- 64.60 Ridge, 200 ft. above the  $\frac{1}{4}$  sec. cor., bears NW. and SE.; enter dense aspen timber, bears with ridge; descend gradual E. slope.
- 74.00 Leave timber, bears N. 30° E. and S. 30° W.
- 77.61 The cor. secs. 19, 20, 29, and 30, 15 ft. below ridge. Land, rolling and mountainous with a general easterly and westerly exposure and drainage. Soil, shallow, rocky, and gravelly clay; 3rd rate. Volcanic formation. Undergrowth, dense short sagebrush and yellow top. Timber, dense spruce and aspen on portions of mile. Fair grazing land.
- 
- N. 0°03' W., bet. secs. 19 and 20.
- Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top and scattered aspen and spruce timber.
- 3.60 Bottom of swale near head, 10 ft. below cor., drains E.; ascend gradual SE. slope.
- 12.00 Ridge, 10 ft. above swale, bears NE. and SW.; descend gradual NW. slope.
- 12.70 Timber becomes dense, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S19 | S20  
 1928

From which:

- An aspen, 6 ins. diam., bears N. 51°30' E., 37 lks. dist., marked  $\frac{1}{4}$  S20 BT.
- An aspen, 12 ins. diam., bears N. 59° W., 24 lks. dist., marked  $\frac{1}{4}$  S19 BT.

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

Cor. set on gradual N. slope, 125 ft. below ridge.  
From this cor., the W. edge of pole corral, bears  
N. 45° E., 3.50 chs. dist.

A small dam at the W. end of Pollywog Lake, bears  
N. 25° W.

43.50 Leave all timber, bears N. 75° E. and S. 75° W.

44.50 From this point, a sign erected by the Forest Service,  
bears E., 1.50 chs. dist. Sign reads:

|                         |                     |
|-------------------------|---------------------|
| 3 M TO COYOTE CREEK     | 7 M TO POISON CREEK |
| 5 M TO DRY LAKE         | 6 M TO KING'S RANCH |
| 3 M TO HAY LAKE         | 9 M TO BIG LAKE     |
| 2 M TO ANTELOPE SPRINGS | 7 M TO DOG LAKE     |
| 5 M TO BIG POINT TRAIL  | 12 M TO COYOTE      |

65.00 Enter the dry bottom of Pollywog  
Lake, 50 ft. below the  $\frac{1}{4}$  sec. cor., bears N. 60° E.,  
and S. 60° W.; thence over lake bottom through  
scattered short undergrowth of yellow top.

72.20 Leave all vegetation, bears N. 60° E. and S. 60° W.;  
thence over dry lake bed.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 17, 18, 19, and 20, with  
brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S18  | S17 |
| S19  | S20 |
| 1928 |     |

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Corner set on north shore of dry lake bed of

Pollywog Lake, bears NE. and SW.

From this cor., a small dam at the W. end of lake bears  
S. 53° W.

Land, rolling and mountainous with a general northerly  
exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, scattered and dense short sagebrush and  
yellow top, on portion of mile.

Timber, scattered and dense aspen and spruce on portion of  
mile. Fair grazing land.

# SUBDIVISION OF T. 31 S., R. 1 E.

| Chains |   |
|--------|---|
|        | N. $89^{\circ}56'$ E., on random line bet. secs. 17 and 20.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |
| 79.74  | Intersect the N. and S. line, at the cor. secs. 16, 17, 20, and 21.   |
|        | Thence:   |
|        | S. $89^{\circ}56'$ W., on true line bet. secs. 17 and 20.   |
|        | Over nearly level land through dense short undergrowth of short sagebrush and yellow top.   |
| 10.80  | Dim wagon road, bears SE. to Antelope Springs, and NW. to Pollywog Lake.  |
| 39.87  | Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked. |
|        | $\begin{array}{r} S17 \\ \frac{1}{4} \hline S20 \\ 1928 \end{array}$  |
|        | Deposit a volcanic stone, 14 x 12 x 6 ins., at base of post, marked with a cross (X).   |
|        | Cor. set on N. slope of knoll which is at the N. point of spur, top of which is about 5.00 chs. to the S. of line.  |
| 49.80  | Dim wagon road, bears N. $60^{\circ}$ E. to Antelope Springs and S. $60^{\circ}$ W. to Pollywog Lake.   |
| 51.50  | Bottom of shallow swale, drains S. $65^{\circ}$ W.; thence along N. side of swale.  |
| 65.00  | Enter the dry bottom of Pollywog Lake bed, bears NW. and SE.; thence across lake bed.   |
| 79.74  | The cor. secs. 17, 18, 19, and 20.  |
|        | Land, nearly level.   |
|        | Soil, deep white clay and garvel; 3rd rate. Volcanic formation.   |
|        | Undergrowth, dense short sagebrush and yellow top on E.   |
|        | 65.00 chs.  |
|        | No timber.  |
|        | Fair grazing land.  |

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

- S.  $89^{\circ}56'$  W., on random line bet. secs. 18 and 19.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 77.66 Intersect the W. bdy. of the township, (Salt Lake Meridian)  
 5 lks. N. of the cor. secs. 18 and 19, which is an  
 iron post, 3 ins. diam., firmly set, extending 6 ins.  
 above a mound of stone, with brass cap marked.

|      |     |
|------|-----|
| T318 |     |
| R1W  | R1E |
| S13  | S18 |
| S24  | S19 |

1915

Cor. witnessed to the E. by a mound of stone, 3 ft. base,  
 2 ft. high.

Thence:

- N.  $89^{\circ}54'$  E., on true line bet. secs. 18 and 19.  
 Descend gradual SE. slope of rolling mountainous land  
 through dense short undergrowth of sagebrush and  
 yellow top.  
 9.00 Draw near head, 20 ft. below cor., drains SW.; ascend  
 gradual NW. slope.  
 13.70 Ridge, 10 ft. above draw, bears NE. and S.; descend  
 gradual SE. slope.  
 21.70 Swale, 15 ft. below draw, near head, drains S.  $20^{\circ}$  E.;  
 ascend gradual W. slope.  
 35.70 Spur, 30 ft. above swale, projects S.; descend gradual  
 E. slope.  
 37.66 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in  
 the ground to solid rock and 20 ins. in a mound of  
 stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |
|---------------|
| S18           |
| $\frac{1}{4}$ |
| S19           |

1928

From which:

An aspen, 4 ins. diam., bears N.  $79^{\circ}$  E., 142 lks.  
 dist., marked  $\frac{1}{4}$  S18 BT.

# SUBDIVISION OF T. 31 S., R. 1 E.

Onaine

bnlsdu

- An aspen, 5 ins. diam., bears S. 30° E., 130 lks. dist., marked  $\frac{1}{4}$  S19 BT. Cor. set on gradual E. slope, 15 ft. below spur, at the SW. edge of aspen grove.
- Thence through the SW. point of grove of dense aspen timber.
- 42.80 Leave timber, bears NW. and S.
- 64.70 Draw, 215 ft. below the  $\frac{1}{4}$  sec. cor., drains S. 10° W.; ascend gradual W. slope.
- 70.20 The rolling top of spur, 10 ft. above draw, projects S. 30° W.; descend gradual SE. slope.
- 77.66 The cor. secs. 17, 18, 19, and 20, 20 ft. below spur. Land, rolling and mountainous with a general southeasterly exposure and drainage.
- Soil, shallow, rocky, and gravelly clay; 3rd rate.
- Volcanic formation.
- Undergrowth, dense short sagebrush and yellow top.
- Timber, dense aspen near the  $\frac{1}{4}$  sec. cor.
- Fair grazing land.
- 
- N. 0°03' W., bet. secs. 17 and 18.
- Ascend gradual SE. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.
- 22.00 Rolling top of ridge, 90 ft. above cor., bears N. 60° E. and S. 60° W.; descend gradual NW. slope.
- 32.50 Draw, 10 ft. below ridge, drains N. 60° E., ascend gradual SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $\frac{1}{4}$   
 S18 | S17  
 1928
- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Cor. set on gradual SE. slope, 15 ft. above draw.

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

44.00 Spur, 10 ft. above the  $\frac{1}{4}$  sec. cor., projects E.; descend gradual N. slope.

55.00 Draw, 50 ft. below spur, drains E.; thence ascend gradually along rolling E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone, for cor. secs. 7, 8, 17, and 18, with brass cap marked.

|      |     |
|------|-----|
| T31S | R1E |
| S7   | S8  |
| S18  | S17 |

1928

Deposit a trachyte, 10 x 10 x 4 ins., at base of post, marked with a cross (X).

Cor. set on gradual E. slope, 15 ft. above draw.

Land, rolling and mountainous with a general southerly and northerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Undergrowth, dense short undergrowth of sagebrush and yellow top.

No timber.

Fair grazing land.

N.  $89^{\circ}55'$  E., on random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.76 Intersect the N. and S. line, 2 lks. S. of the cor. secs. 8, 9, 16, and 17.

Thence:

S.  $89^{\circ}55'$  W., on true line bet. secs. 8 and 17.

Ascend gradual SE. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

2.20 Ridge, 10 ft. above cor., bears NE. and SW.; descend gradual NW. slope.

18.40 Draw, 60 ft. below ridge, drains S.  $55^{\circ}$  W.; ascend

SUBDIVISION OF T. 51 S., R. 1 E.

|        |  |
|--------|--|
| Chains | gradual SE. slope.   |
| 29.00  | Rolling top of spur, 10 ft. above draw, projects SW.; descend gradual NW. slope.   |
| 37.10  | Junction of last draw with draw which drains N. from the S.; 40 ft. below spur; thence ascend gradual E. slope.  |
| 39.83  | Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.  |
|        | <div style="text-align: right;">           98<br/> <math>\frac{1}{4}</math> ———<br/>           917<br/>           1928         </div>  |
|        | Deposit a trachyte, 10 x 10 x 5 ins., at base of post, marked with a cross (X).  |
|        | Cor. set on gradual E. slope, 10 ft. above draw.   |
| 79.76  | The cor. secs. 7, 8, 17, and 18, 50 ft. above the $\frac{1}{4}$ sec. cor.  |
|        | Land, rolling and mountainous with a general easterly and westerly exposure and drainage.  |
|        | Soil, shallow, rocky, and gravelly clay; 3rd rate.   |
|        | Volcanic formation.  |
|        | Undergrowth, dense short sagebrush and yellow top.   |
|        | No timber.   |
|        | Fair grazing land.   |
|        | S. 89°54' W., on random line bet. secs. 7 and 18.  |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 77.66  | Intersect the W. bdy. of the township, 14 lks. S. of the cor. secs. 7 and 18, which is an iron post, 3 ins. diam., extending 10 ins. above a mound of stone, firmly set, with brass cap marked.                      |
|        | <div style="text-align: right;">           T318<br/>           RLW   R1E<br/>                 S7<br/>           S12   ———<br/>                 S18<br/>           S13   ———<br/>                 1915         </div> |

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

Cor. witnessed to the E. by a mound of stone, 3 ft. base,  
2 ft. high.

Thence:

East, on true line bet. secs. 7 and 18.

Over level top of bench through dense short undergrowth  
of sagebrush and yellow top.

7.40 Volcanic ledge, 20 ft. high, bears NW. and SE. Leave  
level top of bench, bears with ledge and descend  
gradual NE. slope.

9.20 Enter dense aspen timber, bears NW. and SE.

15.00 Death Hollow near head, 30 ft. below cor., drains N.;  
ascend gradual W. slope.

27.00 Leave timber, bears N. and S.

37.66 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked:

$$\begin{array}{r} 37 \\ \frac{1}{4} \\ \hline 91\frac{1}{4} \\ 102\frac{1}{4} \end{array}$$

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Cor. set on gradual W. slope, 100 ft. above Death Hollow.

51.00 Spur, 55 ft. above the  $\frac{1}{4}$  sec. cor., projects NW.; descend  
gradual NE. slope.

52.40 The N. edge of grove scattered aspen timber.

62.70 Rolling top of ridge, 35 ft. below spur, bears N. and  
S. 20° W.; descend gradual E. slope.

77.66 The cor. secs. 7, 8, 17, and 18, 70 ft. below ridge.

Land, rolling and mountainous with a general easterly  
and westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

Timber, scattered and dense aspen on portions of mile.

Fair grazing land.



SUBDIVISION OF T. 31 S., R. 1 E.

Original

N. 2°03' W., bet. secs. 7 and 8.

Descend gradual N. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

5.70 Draw, 10 ft. below cor., drains E.; ascend gradual S. slope

13.00 Rolling top of ridge, 10 ft. above draw, bears NE. and SW.; descend gradual NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 87 | 85  
 1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Cor. set on gradual NW. slope, 50 ft. below ridge.

55.00 Draw, 30 ft. below the  $\frac{1}{4}$  sec. cor., drains W.; ascend gradual S. slope.

72.00 Rolling top of spur, 20 ft. above draw, projects W.; descend gradual NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone, for cor. secs. 5, 6, 7, and 8, with brass cap marked.

T31S R1E  
 86 | 85  
 87 | 88  
 1928

Deposit a volcanic stone, 15 x 15 x 12 ins., at base of post, marked with a cross (X).

Cor. set in bottom of draw, 30 ft. below spur, drains N. 30° E.

Land, rolling and mountainous with a general easterly and westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

Chains

N.  $89^{\circ}55'$  E. on random line bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

(an 19.60) Intersect the N. and S. line, 5 lks. N. of the cor. secs. 4, 5, 6 and 9.

10.00 Thence:

S.  $89^{\circ}57'$  W., on true line bet. secs. 5 and 8.

Descend gradual NW: slope of rolling mountainous land through dense short undergrowth of sagebrush.

25.80 Draw, 40 ft. below cor., drains NW.; ascend gradual NE. slope.

39.90 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

95

$\frac{1}{4}$  88

1928

Deposit a trachyte, 20 x 14 x 5 ins., at base of post, marked with a cross (X).

Cor. set on gradual E. slope, 40 ft. above draw.

43.00 Enter rolling top of bench land, 25 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.; thence over rolling top of bench.

59.00 Leave rolling top of bench, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.; thence descend gradual SW. slope.

62.50 Spur from bench, 10 ft. below top, projects NW.; continue gradual descent.

79.80 The cor. secs. 5, 6, 7, and 8, 70 ft. below spur.

Land, rolling and mountainous with a general easterly and westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

SUBDIVISION OF T. 31 N., R. 1 E.

Chains

West, on random line bet. sec. 6 and 7.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

77.58 Intersect. the W. bdy. of the township (Salt Lake Meridian).

2 lks. N. of the cor. sec. 6 and 7, which is an iron post, 3 ins. diam., extending 6 ins. above a mound of stone, firmly set, with brass cap marked.

|      |     |
|------|-----|
| T31S |     |
| R1W  | R1E |
|      | S6  |
| S1   |     |
|      | S7  |
| S12  |     |

1915

Cor. witnessed to the E. by a mound of stone, 3 ft. base 2 ft. high.

Thence:

N.  $89^{\circ}59'$  E., on true line bet. sec. 6 and 7.

Ascend gradual SW. slope of rolling mountainous land through dense short undergrowth of sagebrush and yellow top.

25.10 Shallow swale, drains N.  $80^{\circ}$  W.; continue gradual ascent.

37.58 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |    |
|---------------|----|
| $\frac{1}{4}$ | S6 |
|               | S7 |

1928

Deposit a volcanic stone, 10 x 10 x 8 ins., at base of post marked with a cross (X).

Cor. set on gradual SW. slope, 60 ft. above sec. cor.

47.70 Rolling top of spur, 35 ft. above the  $\frac{1}{4}$  sec. cor., projects N.  $50^{\circ}$  W.; continue gradual ascent over NW. slope.

56.10 Rolling top of ridge, 10 ft. above spur, bears NE. and SW.; descend gradual E. slope.

77.58 The cor. sec. 5, 6, 7, and 8, 80 ft. below ridge. Land, rolling and mountainous with a general easterly and westerly exposure and drainage.

SUBDIVISION OF T. 31 S., R. 1 E.

Chains

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

N. 0°03' W., bet. secs. 5 and 6.

Ascend gradually over rolling SE. slope of mountainous land through dense short undergrowth of sagebrush and yellow top.

11.70 Small draw, 5 ft. deep, drains E.; continue gradual ascent.

19.70 The NE. point of spur, 40 ft. above cor.; descend gradual N. slope.

25.90 Draw, 50 ft. below spur, drains E.; ascend gradual S. slope.

31.00 Spur, 50 ft. above draw, projects W.; descend gradual NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to solid rock and 22 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

↓  
S 1 | 35  
1023

Deposit a trachyte, 2 x 3 x 3 ins., at base of post, marked with across (X).

Cor. set on gradual NW. slope, 40 ft. below spur.

43.50 Draw, 10 ft. below the  $\frac{1}{4}$  sec. cor., drains SW.; ascend gradual SE. slope.

48.40 Spur, 20 ft. above draw, projects SW.; descend gradual NW. slope.

66.10 Draw, 100 ft. below spur, drains W.; ascend gradual S. slope.

72.30 Spur, 20 ft. above draw, projects W.; descend gradual N. slope.

# SUBDIVISION OF T. 31 S., R. 1 E.

- Chains
- 77.00 Base of descent from spur, bears N. 80° W. and S. 80° E. thence across leave bottom of swale which drains W.
- 94.70 Leave bottom of swale, bears NW. and SE.; ascend gradual SW. slope of spur.
- 100.00 Spur, 20 ft. above bottom of swale, projects W.; descend gradual N. slope.
- 103.75 Intersect the Sixth Standard Parallel South, W., 15.02 chs. dist. from the st. cor. secs. 32 and 33, T. 30 S. R. 1 E. which is an iron post, 3 ins. diam., extending 9 ins. above the ground, firmly set, with brass cap marked.

|      |     |
|------|-----|
| T30S | R1E |
| S32  | S33 |

1915

Cor. witnessed to the N. by a mound of stone, 3 ft. base, 2 ft. high.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for closing cor. secs. 5 and 6, T. 31 S., R. 1 E., with brass cap marked.

|      |     |
|------|-----|
| T30S | R1E |
| S32  |     |

|      |     |
|------|-----|
| S6   | S5  |
| T31S | R1E |
| C    | C   |

1923

Deposit a volcanic stone, 12 x 10 x 8 ins., at base of post, marked with a cross (X).

Cor. set on gradual N. slope, 10 ft. below top of spur. Land, rolling and mountainous with a general westerly exposure and drainage.

Soil, shallow, rocky, and gravelly clay; 3rd rate.

Volcanic formation.

Undergrowth, dense short sagebrush and yellow top.

No timber.

Fair grazing land.

# BOUNDARIES OF T. 31 S., R. 1 E.

## LATITUDES, DEPARTURES, AND CLOSING ERRORS.

| Lines designated                   | True bearings | Dist-ances.<br>Chs. | Latitudes. |            | Departures. |            |
|------------------------------------|---------------|---------------------|------------|------------|-------------|------------|
|                                    |               |                     | N.<br>Chs. | S.<br>Chs. | E.<br>Chs.  | W.<br>Chs. |
| S. L. Mer. T31S                    | South         | 503.84              | .....      | 503.84     | .....       | .....      |
| S. Bdy. T31S R1E                   | East          | 477.73              | .....      | .....      | 477.73      | .....      |
| E. Bdy. T31S R1E                   | North         | 503.50              | 503.50     | .....      | .....       | .....      |
| 6th S. P. S. R2E                   | West          | 64.53               | .....      | .....      | .....       | 64.53      |
| 6th S. P. S. R1E                   | West          | 412.34              | .....      | .....      | .....       | 412.34     |
| Convergency                        | West          | .57                 | .....      | .....      | .....       | .57        |
|                                    |               |                     | 503.50     | 503.84     | 477.73      | 477.44     |
|                                    |               |                     | 503.50     | 503.84     | 477.44      |            |
| Errors in latitudes and departures |               |                     | 0.34       | 0.29       |             |            |

## GENERAL DESCRIPTION.

The land within the boundaries of this township, is of a volcanic formation and consists of a high rolling plateau which is at an elevation of approximately 10,000 ft. above sea level and which lies to the west of the base of the main range of the Boulder Mountains. The township in general has a westerly and northerly exposure and drainage, being drained by shallow open draws and swales.

The soil throughout the township consists of a shallow, rocky, and gravelly clay, and may all be classified as third rate.

Nearly all the south portion of the township is covered with a dense growth of aspen and spruce timber, in which large open flat or parks are found. A small portion of the spruce timber is suitable for the making of lumber, but at the time of the survey none of the timber was being used.

No timber of any description was found on the north portion of the township.

A dense short undergrowth of sagebrush, yellow top, and grass was found throughout the township.

All of this township except sections 1 to 6 inclusive, the east half of section 8, and sections 9 to 12 inclusive, are within the boundaries of the Powell

## GENERAL DESCRIPTION.

## National Forest.

The only permanent water in the township is Antelope and Lost Springs. Antelope Springs consists of a few small seeps of good water along the bottom of a draw located in the NE.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  sec. 22. Lost Spring is a small seep of good water located in the bottom of a draw in the SW.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  sec. 32. These two springs produce enough water to water approximately 8,000 head of sheep and are being used for this purpose.

Pollywog Lake is located to the SE. of the cor. secs. 17, 18, 19, and 20. This lake contains water only during the early spring months.

A small dry lake bed called Pelham Lake was found in the SE.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  sec. 24.

A small dry lake bed called Hay Lake was found to the south of the cor. secs. 2, 3, 34, and 35, on the south boundary of the township.

A small dry reservoir was found in the SE.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  sec. 20.

No portion of the township could be farmed and it is suitable only for a summer grazing range and is being used for this purpose.

All portions of the township can be reached by team and wagon, and Antelope Springs can be reached by auto over an unimproved road from Bicknell, Utah, which is located approximately 20 miles to the NE.

No settlers are living on the township and the only improvements are several small corrals found throughout the south portion.

No indication of coal, oil, oil shale, or mineral was found on the township.

BOOK A-489

4-680  
(August, 1926)

**FIELD ASSISTANTS.**

[illegible]

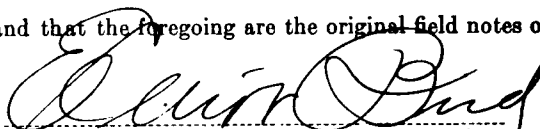


# CERTIFICATE OF UNITED STATES SURVEYOR.

I, Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 21st day of August, 1928, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the south and east boundaries, and subdivision of T. 31 S., R. 1 E.,

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at:  
Salt Lake City, Utah.  
May 2, 1929.

  
U. S. Surveyor

## APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado DEC 21 1929, 19

The foregoing field notes of the survey of the south and east boundaries and subdivision of, T. 31 S., R. 1 E., Salt Lake Base and Meridian, in the State of Utah.

executed by Elliot Bird, U.S. Surveyor

under his special instructions dated August 21, 1928, ~~10~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

  
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above-described surveys in Utah, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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**Page**

DEC 12 1929  
Department Of The Interior  
Public Survey Office  
Salt Lake City, Utah

BOOK 4-489

# FIELD NOTES

OF THE ~~SURVEY OF THE~~

~~RESURVEY~~ OF PORTION OF THE EAST BOUNDARY

AND SURVEY OF THE SUBDIVISION AND DIVISION

LINE BETWEEN RIPARIAN AND PUBLIC LANDS.

T.9 N., R.4 W.

Of the Salt Lake Base and Meridian,

in the State of Utah

EXECUTED BY

Howard W. Miller, U.S. Cadastral Engineer

~~in the company of H. S. Surveys~~, under instructions dated July 22, 1929, ~~1929~~,  
issued by the United States ~~Surveyor General~~ District Cadastral Engineer for Utah  
Group No. 223, which were approved by the Commissioner of the General Land  
Office, August 3, 1929, ~~1929~~ and Assignment Instructions dated  
August 27, 1929.

Survey commenced September 18, 1929, ~~1929~~

Survey completed November 10, 1929, ~~1929~~

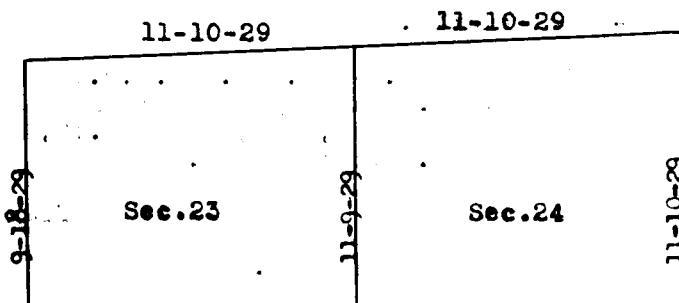
BOOK 489

## INDEX DIAGRAM.

Township 9 North ; Range 4 West.

|    |    |    |    |         |         |
|----|----|----|----|---------|---------|
| 6  | 5  | 4  | 3  | 2       | 1       |
| 7  | 8  | 9  | 10 | 11      | 12      |
| 18 | 17 | 16 | 15 | 14      | 13      |
| 19 | 20 | 21 | 22 | 7<br>23 | 7<br>24 |
| 30 | 29 | 28 | 27 | 5<br>26 | 4<br>25 |
| 31 | 32 | 33 | 34 | 35      | 36      |

## Date Diagram



All lines surveyed by Howard W. Miller, U.S. Cadastral Engineer.

Survey commenced September 18, 1929 and executed with Buff and Buff transit No. 16726, equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

The instrument was approved for use in this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests as stated in Assignment Instructions dated August 27, 1929.

I examine the adjustments of the transit and correct all errors. The solar apparatus was not used on this survey; all azimuth determinations being accomplished by observations on Polaris on line in the field each day.

## T.9 N., R.4 W., S.1

September 18, 1929: at the cor. of secs. 22, 23, 26, and 27, hereinafter described; approximate latitude  $41^{\circ}30'N.$ , longitude  $112^{\circ}17'W.$ , at 3h.19m.p.m.l.m.t., I make an hour angle observation on Polaris east of the meridian two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 40 chs.N., in the direction N-E to Polaris.

Watch time of obsn. = 3h.48m.08s.p.m., 105th. meridian standard time. Watch by comparison with radio station KSL, Salt Lake City, Utah, on Sept.17, 1929 set to correct 105th. meridian time.

Mean horizontal angle from Polaris to flag =  $0^{\circ}32' W.$

Azimuth of Polaris at obsn. =  $0^{\circ} 32'E.$

True bearing of flag = North.

## MEASUREMENTS

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 5 chs. long found correct by comparison with a Lufkin standard steel tape.

## METHOD OF PROCEDURE

The extension of the public survey of T.9 N., R.4 W., S.1. B. & M., represented by these field notes includes areas lying north of secs. 25 and 26, bordering on North Bay of Great Salt Lake and east of the Bear River Gun Club dyke. Riparian lands have accrued to the surveyed lands on the north shore of North Bay meandered in the original survey, and as a matter of 1st. importance in the execution of the surveys under this group to determine the limit of these rights. The areas east of the Bear River Gun Club dyke are now submerged, the water ranging from a few inches to about  $3\frac{1}{2}$  ft. in depth with a soft mud about 12 inches

thick on the floor. Efforts were made to have the submerged area or artificial lake drained for the purpose of determining whether or not there was a channel which, under normal conditions might have carried the surface drainage into Great Salt Lake. This was unsuccessful. Soundings were then made of this area and the lowest points of elevation marked. Later, the area was traversed afoot but no indications of a channel were noted other than the fact that at the lowest points of elevation or at the deepest water, the lake bottom was softer. The deepest water as determined by the above methods therefore, was taken to define the limit of the public lands on the one hand and the riparian lands appurtenant to the privately owned lands on the north shore on the other, and the extension of the subdivisional surveys of secs. 23 and 24 were terminated at these points accordingly. Near the completion of the survey a representative of the Bear River Gun Club, owners of the riparian lands on the north shore inspected the division line between the riparian and public lands as established as above described, and stated that to his knowledge of the contour of the country prior to the construction of the Bear River Gun Club dyke and before the artificial lake was formed, he was satisfied that the division line as established marked the lowest point of elevation in North Bay. Owing to the fact that corner points fell in the lake area, it was found impracticable to use the regulation iron posts for corner monuments; wooden posts, 5 to 9 ft. in length therefore, were substituted instead. The establishment of quarter-section corners between closing corners on the division line were omitted from this survey as deep water made establishment of the same impracticable.



## RESURVEY PORTION OF EAST BOUNDARY OF T.9 N., R.4 W.

Chains

REESTABLISHMENT OF SURVEYS EXECUTED BY  
J. TROSKOLAWSKI, U.S. DEPUTY SURVEYOR IN  
1856, SUBSEQUENTLY RESURVEYED BY A.R.  
TALAMANTES, U.S. DEPUTY SURVEYOR IN  
1902.

From the cor. of secs. 24 and 25, E. bdy. T.9 N., R.4 W.,  
which is an iron post, 2 ins. in dia., firmly set  
in the ground, with brass cap marked

|     |
|-----|
| T9N |
| S24 |
| S25 |
| R4W |

1927

Alongside of which is,

A pine post, 4 ins. square, extending 18 ins. above  
ground, marked,

T9NS24 on NW., and  
R4WS25 on SW. face ; and witnessed by  
traces of pits, NW. and SW. of cor. 3 ft. distant.

Thence

N.0°08'W., along E. bdy. sec. 24, T.9 N., R.4 W.; a signal  
at the  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 12, T.9 N., Rs. 3  
and 4 W. being plainly visible .

Over wet marsh through tall tules.

15.00 Leave tules and all vegetation, enter submerged area,  
water 6 to 10 ins. deep, bears NW. and E.

40.00 Point for  $\frac{1}{4}$  sec. cor. E. bdy. sec. 24 falls in submerged  
area with soft mud bottom where I am unable to per-  
petuate cor.

40.57 Set a 2x4 ins. pine post, 8 ft. long, 5 ft. in the ground  
for  
witness cor. to the  $\frac{1}{4}$  sec. cor. E. bdy. sec. 24, marked  
WC  $\frac{1}{4}$  S24 on W. face.

Impracticable to build accessories to cor.

Cor. stands on N. edge of submerged area and in S. edge  
of dense tules, bears E. and W. about 8 chas. to end.

Thence through dense tules.

47.80 Leave tules and enter submerged lake area in North Bay,  
bears E. and W. about 8 chas. to end.

Thence across lake, water 1 to 3 ft. deep.

1993-1994

Set a pine post, 4 ins. square, 3 ft. long, 4 ft. in. dia. at the ground for clearing and 2 of sec. 24 only, marked

common in the ~~1000~~ 1000 and 4000 ft. grooves on S.,

R4W S24 on W. face, and

Dorsal surface of head with 1 ridge and 2 grooves on N. face.

• 99 • • 10 528

Impracticable to build accessories to cor.; water 3 ft.

... of ...

deep.

Land, level.

Soil, heavy, fine, loam and clay.

**No timber.**

**Undergrowth, dense tules, 3 to 5 ft. high.**

[illegible][illegible]

**SUBDIVISION OF T.9 N., R.4 W.**

From the cor. of secs. 23, 24, 25, and 26, which is an

iron post, 2 ins. in diam., firmly set in the ground,  
with brass cap marked

**T9H | R4W**

823 | 824

**S26**      **S25**

1927

Alongside of which is,

A pine post, 4 ins. square, extending 18 ins. above ground, firmly set, and marked

T9HS23 on NW.,

BAW824 on NB.

S25 on SE., and

SSA on SW. Page; and witnessed by

traces of pits, NE., SE., SW., and NW. of cor. 3 ft.  
distant.

N.0°09'W., bet. secs. 23 and 24.

Over, level submerged marsh, water 6 inches to 1 ft.

deep, through dense tufts and scattered patches of  
cat-tails. .01 1968 31 .0080 .30d .0'11 0.

18.00.1 Leave 3.15.1 and engraving and enter date area of North Bay

of the Deane E. and M. J. Bear River Gun Club canal enters

North Bay immediately E. of this point. Thence

# SUBDIVISION OF T9NS24E, R4WS.

Chains

aniamd

across lake. In water 26 inches deep. Set a pine post, 4 ins. square, 6 ft. long, 3 ft. in the ground for  $\frac{1}{4}$  sec. cor., marked S24 on E., and S23 on W. face. Impracticable to build accessories to cor. The west edge of marsh and tall tules undergrowth, bears E. about 5 chs. distant. Continue across lake.

63.66 Intersect division line between riparian and public lands. Set a pine post, 4 ins. square, 6 ft. long, 3 ft. in the ground for closing cor. of secs. 23 and 24, marked T9NS24 and 1 groove on E., CC and 3 grooves on S., R4WS23 on W., and RL on N. face. Impracticable to build accessories to cor. which stands in lake; water 3 ft. deep. Land, level marsh and lake. Soil, fine, heavy loam and clay. No timber. Undergrowth, dense tules and scattered patches of cat-tails on S. portion of mile.

From the cor. of secs. 22, 23, 26, and 27, which is an iron post, 2 ins. diam., extending 10 ins. above ground, firmly set, with brass cap marked

|      |     |
|------|-----|
| T9NS | R4W |
| S22  | S23 |
| S27  | S26 |

1927. N. 0° 10' W. 100°.

and witnessed by traces of pits, NE, SE, SW, and NW. of cor. 3 ft. distant N. 0° 10' W., bet. secs. 22 and 23. Over level marsh through salt grass 10 to 18 ft. tall.

3.20 Prev. Gas Club dyke, bears SW. and SE. about 6 chs. to junction with Bear River. Run slab dyke from

SUBDIVISION OF T.9 N., R.4 W.

Chains

- 20.00 From this point the Bear River Gun Club dyke, bears E., 4.90 chs. distant; S. end of spillway No.1, bears N.27°30'E.; S. end of spillway No.2, bears N.9°20'E., and S. end of spillway No.3 bears N.4°40'E.
- 40.00 Set a pine post, .4 ins. square, .5 ft. long, 44 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$ S22 on W., and  
S23 on E. face.
- Impracticable to build accessories to cor. as surface is submerged with water 3 to 6 inches deep.
- From  $\frac{1}{4}$  sec. cor., the Bear River Gun Club dyke, bears E., 4.50 chs. distant; S. end of spillway No.1, bears S.22°30'E.; S. end of spillway No.2, bears N.38°30'E., and S. end of spillway No.3, bears N.8°E.
- 60.00 Set a pine post, 4 ins. square, 5 ft. long, 44 ins. in the ground for N.1/16 sec. cor. bet. secs. 22 and 23, at the division line between the riparian and public lands in North Bay of Great Salt Lake, marked  
..... N1/16 S22 on W., and  
..... S23 on E. face.
- Impracticable to build accessories to cor. as surface is submerged with water 8 to 10 ins. deep draining to the W.
- Land, level.
- Soil, fine, heavy loam and clay.
- No timber.
- Undergrowth, salt grass.

---

DIVISION LINE BETWEEN RIPARIAN AND PUBLIC LANDS

From the N. sixteenth-section cor., bet. secs. 22 and 23, heretofore described,

N.87°23'E., on division line bet. riparian and public lands.

- 4.30 Bear River Gun Club dyke, bears N.0°47'W. and S.0°47'E.; thence across lake area; water 2 $\frac{1}{2}$  to 3 $\frac{1}{2}$  ft. deep.

## DIVISION LINE BETWEEN HERRING AND PUBLIC LANDS

encl'd

## Chains

80.16 To angle point No. 1, identical with the closing corner of secs. 23 and 24 heretofore described.

Thence

N. 87° 13' E., (new measurements)

84.94 Intersect the E. bdy. of T. 9 N., R. 4 W. at the closing cor. of secs 24 heretofore described.

Land, level.

Soil, heavy, fine sand loam and clay.

No timber.

No undergrowth.

## BOUNDARIES OF T. 9 N., R. 4 W.

Latitudes, departures and closing errors.

| Lines designated   | True bearings | Distances. | Latitudes |          | Departures |          |
|--------------------|---------------|------------|-----------|----------|------------|----------|
|                    |               |            | N<br>chs  | S<br>chs | E<br>chs   | W<br>chs |
| Bet. secs. 22 & 23 | S. 0° 10' E.  | 60.00      | .....     | 60.00    | .17        | .....    |
| " " 23 & 26        | N. 89° 56' E. | 80.08      | .09       | .....    | 80.08      | .....    |
| " " 24 & 25        | N. 89° 54' E. | 84.80      | .15       | .....    | 84.80      | .....    |
| E. bdy. sec. 24    | N. 0° 08' W.  | 67.57      | 67.57     | .....    | .....      | .16      |
| Division Line      | S. 87° 13' W. | 84.94      | .....     | 4.12     | .....      | 84.84    |
| "                  | S. 87° 23' W. | 80.16      | .....     | 3.66     | .....      | 80.08    |
| Convergency        |               |            | .....     | .....    | .....      | .03      |
|                    |               |            | 67.81     | 67.78    | 165.05     | 165.11   |
|                    |               |            | 67.78     |          |            | 165.05   |
|                    |               |            | .03       |          |            | .06      |

## GENERAL DESCRIPTION

The land in secs. 23 and 24 is practically a level swamp or marsh and nearly all submerged by an artificial lake, the result of the construction of the Bear River Gun Club dyke which extends in a north and south direction near the line between secs. 22 and 25.

In the south portion of these sections is a rank growth of tule with scattered patches of cut-tails.

The fresh water condition of this artificial lake and the

## GENERAL DESCRIPTION

character of the vegetation together with the climatic conditions, makes this area very beneficial for breeding, feeding, and resting grounds for the millions of water fowl which inhabit and frequent this vicinity.

The soil is what is called Salt Lake Clay loam and contains about  $3\frac{1}{2}$  % sodium chloride, 16 % lime, and  $4\frac{1}{2}$  % potash.

No improvements other than the Bear River Gun Club dyke were noted in these sections.

No magnetic declination was taken on account of defective needle.

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**Page**





**CADASTRAL ENGINEER.**  
**CERTIFICATE OF UNITED STATES SUBDIVISION.**

**Cadastral Engineer**

I, Howard W. Miller, U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 22nd. day of July, 1929, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of secs. 23 and 24, T.9 N., R.4 W.,

of the Salt Lake

Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at:  
Salt Lake City, Utah, Dec. 3, 1929

Howard W. Miller  
~~Surveyor~~  
U. S. Cadastral Engineer.

**APPROVAL.**

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, FEB 24 1930, 19

The foregoing field notes of the survey of Secs. 23 and 24, T.9 N., R.4 W.,  
S.L.B. & M., Utah

executed by Howard W. Miller, U.S. Cadastral Engineer under his special instructions dated July 22, 1929, ~~by~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

William H. Roman  
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys